

AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been broken down into sections.

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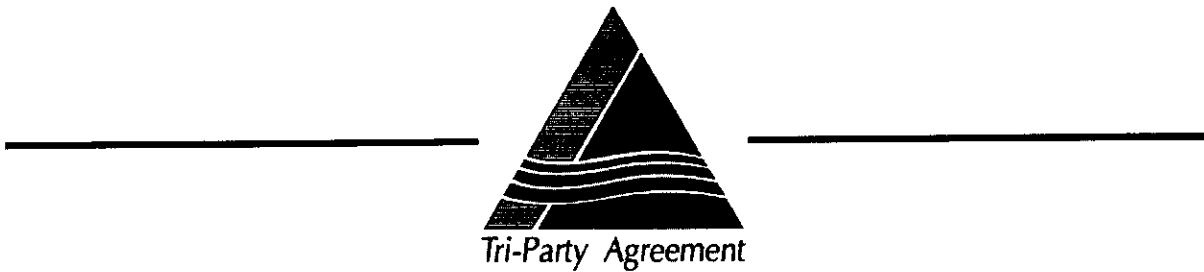
SECTION: 2 OF 5

DOCUMENT #:

TITLE: Comment and Response Document
To Proposed TPA Modifications
Regarding Deactivation of FFTF

APPENDIX B

Comments And Public Meeting Transcripts



**U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology**

April 2003

001

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source:

Richland Public Meeting (October 10, 2002)

Commenter:

Charlie Warren Aaberg

Comment: Good evening, my name is Charlie Warren Aaberg. There is nothing funny about cancer. But please indulge me as I use the analogy of a cartoon I saw years ago. It was a line of Calvary on horseback and the general had just been given a message from a courier and his answer was no, I don't have time to see any damn salesman, I've got a war to fight. It turns out the salesman was trying to sell him a Gatling gun. We're in the same situation if we bring that scenario to this day and age. We have the Secretary of Energies sitting in his office, his secretary comes in with a message, there's some folks from the Citizens for Medical Isotopes, thousands of Cancer fighters that want to sell you something. And he says, I don't have time to listen to those folks; I've got a war to fight because some 30 odd years ago, our president declared war against cancer. And near as I can tell, we're still in that fight. Near as I can tell we haven't won that fight, but there is a wonderful, wonderful reward on the horizon, but they are trying to take away our Gatling gun and I can't let them do it; in the name of humanity, in the name of common sense, and in the name of God. Don't take away our Gatling gun; in the fight against cancer.

002

E

ck (ECY)
sday, September 25, 2002 4:04 PM

t_E_Piippo@RL.gov

TF - NO SHUTDOWN

hope to see you in Seattle!

12:48 PM

Piippo, Robert E

002

From: Bond, Rick (ECY)
Sent: Wednesday, September 25, 2002 4:04 PM
To: 'Robert_E_Piippo@RL.gov'
Subject: FW: FFTF - NO SHUTDOWN

Rob,
 Another comment. Hope to see you in Seattle!
 Rick

-----Original Message-----

From: Cusack, Laura
Sent: Wednesday, September 25, 2002 12:48 PM
To: Bond, Rick (ECY)
Cc: Wuennecke, Mary Anne
Subject: FW: FFTF - NO SHUTDOWN

Rick,
 Please make sure this gets into our response to comments.
 Thanks,

Laura J. Cusack
 Wa State Dept of Ecology
 Project Management Section Manager
 (509) 736-3038
 Lcus461@ecy.wa.gov

-----Original Message-----

From: Cathryn Aeling [mailto:c_aeling@hotmail.com]
Sent: Wednesday, September 25, 2002 12:01 PM
To: Cusack, Laura
Subject: FFTF - NO SHUTDOWN

MY NAME IS CATHY AELING AND MY DAUGHTER, RACHAEL IS ON THE COMMITTEE FOR CMI. SHE IS THE YOUNG LADY WHO STARTED PETITIONS TO SAVE FFTF FOR THE RESEARCH AND PRODUCTION OF MEDICAL ISOTOPES. THESE PETITIONS WERE DELIVERED TO THE WHITE HOUSE THRU THE N.E.I. MY FATHER DIED FROM BRAIN CANCER TWO YEARS AGO. IT WAS RECOMMENDED THAT HE HAVE CHEMO, BUT REFUSED BECAUSE OF THE EFFECTS CHEMO HAS ON THE BODY, IT IS NO WAY TO LIVE YOUR LAST DAYS. WHEN MY DAUGHTER FIRST CAME ON CMI COMMITTEE, THAT WAS THE FIRST I HAD LEARNED ABOUT MEDICAL ISOTOPES. PLEASE, PLEASE DON'T THROW AWAY FFTF. WE NEED IT, THE WORLD NEEDS IT. HELP US...HELP THOSE WHO WILL GET CANCER IN THE FUTURE. EVERYONE KNOWS AT LEAST ONE PERSON OR RELATIVE WHO HAS DIED FROM CANCER AND MEDICAL ISOTOPES HAVE BEEN KNOWN TO BE A CURE. WHAT IS THE REASON FOR SHUTTING DOWN SOMETHING THAT CAN BENEFIT THE MEDICAL BREAKTHRUS FOR CANCER, HEART DISEASE AND ARTHRITIS? ??? MAKES NO SENSE TO ME AND I HOPE IT MAKES NO SENSE TO YOU. THANK YOU FOR YOUR TIME.

10/9/02

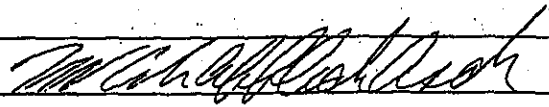
*Have a blessed day!!!
from cathy aeling*

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003

**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

As someone with experience during my time in the Army in counter-terrorism, it is my strong and well-founded opinion that the continued presence and operation of the FFTF is a major terrorist risk to the people of the Pacific Northwest, as well as other risks to the population, fish, and other wildlife in the region.



Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver.A.Al.Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name William C.S. Appleck-Asch Address 3648-B Francis Ave N
(Please Print) Seattle WA

004

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Will Affleck-Asch

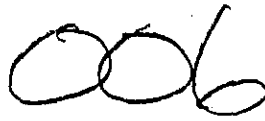
Comment: Thank you. As someone who served as a sergeant in the Army, including counter terrorism activities, it is my well-founded belief that continued operation of the FFTF represents a high risk factor for terrorist activities in the Pacific Northwest. In addition to the operational risks to the population, fish and other wildlife in this region, my friends and myself have looked at the security of the plants in that area, and it's pretty damn laughable. Some would argue we need radioactive isotopes. Cold war does not exist any longer, we can easily receive these from other countries. Any lack of importation is due to our own white house restrictions. They could come from Canada, Europe, or Russia, or all of the above. Some would argue we could use the plant to provide energy. This ignores the high risk factor terrorist intervention in the waste disposal permitting the easy access of supplies to create dirty bombs with nuclear materials with such groups as Al Queda which are operating in this and nearby countries, including right up in Vancouver, including in this city, including down in Portland, so don't give me that there is no risk. We are at war. Additionally, the Washington State Democrats have had as part of their party platform for many years the complete shutdown of the FFTF and full paid cleanup of Hanford. It's far time that we actually did something about this. Please note. We do need to do a full and complete cleanup of Hanford and full funding and we must shutdown FFTF now. 2 years ago, you could have given the arguments about isotopes it isn't 2 years ago, we've had New York City, my brother lives there, my uncle worked in one of the towers and we cannot afford the risk!

005

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Linda Alexander

Comment: Hi, I'm Linda Alexander and I'd like to say, isn't it ironic that special interest groups are granted funds, support and any form of possible promise of medical research therapy while cancer patients, who are the majority are denied the freedom of choice. And I'd like to say that cancer is a domestic war of terror. It's a terror of fighting cancer with only dictated treatment. And as our President said in one of his speeches is a war on terror is against the fight against our freedoms. And I believe that if someone were to check on the bill of rights, freedom of speech, freedom of choice, they might find that some of our freedoms have been denied and they need to be researched on that. And also that there are many young people that are like infants and children who need to have someone look out for their inability to speak and to have a voice in this war. And we just need to look at the rights that are being denied citizens and if you allow them to take this right away from you, you might be alarmed at who gets denied that right in the future. That's all



FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Harold Anderson

Comment: My name is Harold Anderson of Richland Washington. To the honorable Al. Farabee of the US Department of Energy and to the honorable Laura Cusack of the Washington State Department of Ecology. Proposing changes to improve the set of activities and schedules to deactivate the FFTF is prudent, except the part about the schedule. Deactivation should be deferred to the end of the operational lifetime of the reactor, which is at least 30 years from now, by current estimates. The reason for the apparent stampede to deactivate the FFTF may rest in part on the serious flaws in the EIS process and in the ROD. Because there were flaws, I believe it's time to look before you leap and redo the EIS. Two examples flaws that I have read about: 1) From the programmatic EIS including the role of the Fast Flux Test Facility December 2000, pages 1-12, "at the meeting in Richland Washington the main concern was that DOE should not consider restarting. There was strong opposition to restart of FFTF for any mission." This statement is shockingly inaccurate and would mislead anyone using the MPEIS to determine public sentiment. Of the 18 public officials who spoke, only one, read by Heart of America, from Senator Ron Wyden, Democrat of Oregon was opposed. The public comments during this large meeting were almost exclusively in favor. In over 7000 comments the majority favored the restart of the Fast Flux Test Facility. The record is clear and should be corrected. 2) Subsequent record of decision contained quote, Fast Flux Test Facility a thermal reactor and other shocking inaccuracies. FFTF of course is a fast reactor. Therefore, decommissioning should cease and desist immediately until these serious errors and the process that allowed them to creep in are corrected. Where no oxen are the stall is clean but much increase comes from the strength of the ox. I want to see the increase of medical isotopes, plutonium 238 for space probe power and national security, generation 4 research, and last but not least the scale up of pyro-processing, the key to true waste cleanup. And in comment to Heart of America, whose table I see back there and we heard from Mr. Dave Johnson about long-lived isotope products. That last comment about the pyro-processing technology applies to you because I know that your very concerned I've seen people at other hearings running around the room with a long ribbon saying that that represents isotopes with radioactivity that lasts 100,000 years if pyro-processing is scaled up in the Fast Flux Test Facility

Facilitator 90 seconds

According to Dr. Chang, I believe his name was. He attended the last, or the Richland hearing of the PEIS and he told us that FFTF was needed to scale that process up from the laboratory to the point where 10,000 year plus waste could be knocked down in the fast flux of neutrons to 300 year waste. And in 300 years the radiation level would be back to background. This is what I call true waste cleanup and this is one of the issues near and dear to my heart. I think if you give it some thought you would be in favor of restarting FFTF too. Thank you.

007

**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

Honorable Al Farabee of the U.S. Department of Energy,
Honorable Laura Cusack of the Washington State Department of
Ecology,

Proposing changes to improve the set of activities
and schedules to deactivate the FFTF is prudent
except the part about the schedule, ^{deactivation} ~~it~~ should be deferred
to the end of the operational lifetime of the reactor,
which is at least 30 years from now.

The reason for the apparent stampede to
deactivate the FFTF may rest in part on serious flaws
in the EIS process and in the ROD. Because these
were flawed, I believe it's time to look before you
leap and to redo the EIS. Two example flaws ^{that I have read about} are:

1) ^{From the} Programmatic EIS... including the role of the Fast
Flux Test Facility, Dec. 2000, p. 1-12, "At the meeting
in Richland, Washington, the main concern was that DOE
should not consider restarting... There was strong
opposition to restart of FFTF for any mission."

This statement is shockingly inaccurate and would mislead
anyone using the NLE PERS to determine public sentiment. Of
the 18 public officials who spoke, only one, read by Heart of America, from
Senator Ron Wyden, D-OR, was opposed. The public comments during this
(over)

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver_A_Al_Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name Harold L. Anderson
(Please Print)

Address 1106 Wilson St.
Richland, WA 99352

000

Piippo, Robert E

From: Philip A Anderson [IdAcadSci@aol.com]
Sent: Monday, September 23, 2002 7:31 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Opposition to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

009
Pilippo, Robert E

From: Harold L. Anderson [hla8@juno.com]
Sent: Friday, September 27, 2002 8:48 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted:

010

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Warren Andresen

Comment: My name is Warren Andresen. I'm a two-time cancer survivor. In 1997 I had a lymphoma removed from my stomach. In 2001 I had a series of 17 days of radiation to take the same type of cancer out of my right eye socket. In 2001 after that I had an angioplasty I have a stint, unfortunately it's not coated, like the gentleman previously talked about and in about 5 years, if I survive I will get another stint and I hope that it will be coated because it is far better than the one that I have. Now as a result of all of this I could have gone to the gambling center down here and lost everything, but I was a lucky person; because I had no chemo and no radiation in '97. They cut it out and it was gone. And I walk around with a lot of guilt because I can't understand why I got away with all of this and all those thousands of people who didn't. So I make a proposition. Mr. Farabee, Mr. Johnson and Amber, I would like to make it mandatory that everybody from DOE and everybody that is involved in any way with the shutdown of such a facility as this be required to do 2 things. 1) Spend 2 days, 8 hours a day in a cancer center watching the people who are getting treated. Then 2 more days in a rehabilitation center in a medical facility which is in realty a place where people go to die. They are not rehabilitated. And then, after you have spent those 4 days there you go back and make your decision. Thank you.

011
Piippo, Robert E

From: John Aperans [johnaperans@msn.com]
ent: Thursday, September 26, 2002 6:27 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

012
Piippo, Robert E

From: Carol R. Arnold [orm@owt.com]
Sent: Sunday, September 22, 2002 1:04 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. Why do they not want to save the life of a cancer victim?

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple. I lost my mother, I don't want to lose another loved one when this could be stopped by keeping the FFTF facility running.

Respectfully submitted:
Carol R. Arnold
Richland, WA

013

Piippo, Robert E

From: Orman F. Arnold [orm@owt.com]
Sent: Sunday, September 22, 2002 12:50 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. Why waste money to shut something down that is so needed so much to help cancer patients. It would be just another rip off by the government to shut this down, and then want us

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple. Please don't let this happen.

Respectfully submitted:
Orman F. Arnold

014
Piippo, Robert E

From: Raymond M. Arnold [Raymond@ixpnet]
Sent: Sunday, September 22, 2002 9:49 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

015
Piippo, Robert E

From: Tori Atkinson [atkinson.nelson@att.net]
Sent: Sunday, September 22, 2002 4:23 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

016
Piippo, Robert E

From: Ronald Avedisian [rona@csufresno.edu]
ent: Tuesday, October 01, 2002 1:37 PM
to: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

017

Piippo, Robert E

From: William W. Baird [woobaird@aol.com]
Sent: Thursday, September 19, 2002 8:59 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully,

William W. Baird

Piippo, Robert E

018

From: Dr.George.A.Baker@aqua.siteprotect.com
Sent: Monday, October 07, 2002 9:31 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The DOE has already shut down the Omega West reactor at Los Alamos which produced medical isotopes, because of the lack of providing proper maintenance funding over the years. We are now partially dependent on Kazakhstan for our medical isotopes. As you are no doubt aware, we are engaged in a war against vicious terrorists. The facility in Kazakhstan is much more vulnerable to a terrorist attack than is the FFTF. I am sure that you do not want to be hauled before a Congressional committee to explain why you were personally responsible for this lapse in homeland security, and the national catastrophe brought on by the lack of medical isotopes, which resulted in the lack of diagnosis and death of many of our fellow citizens.

Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE has transferred FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. NOW, this action WILL take money from the vital and "budget constrained" cleanup.

The Community Plan to save the FFTF will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The community plan also preserves the FFTF for vital nuclear Research and Development. In addition The FFTF is vital to meet our nations energy needs.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: George A. Baker., Jr.

019
Piippo, Robert E

From: Michael Baker [mcbaker@pathfindermail.com]
Sent: Wednesday, September 25, 2002 7:01 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:
Michael Baker, Ph.D.
2440 Canyon Glen
Los Alamos, New Mexico, 87544

020

Piippo, Robert E

From: SUE BAKER [sue99336@hotmail.com]
Sent: Friday, September 20, 2002 10:04 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted

021
Piippo, Robert E

From: Traci Hill Barela [mbarela@cox.net]
Sent: Thursday, September 19, 2002 12:44 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

Piippo, Robert E

022

From: Joyce L. Barrett [joyous@bentonrea.com]
Sent: Monday, September 23, 2002 10:47 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

023

From: Farabee, Oliver A (Al)
Sent: Wednesday, September 25, 2002 10:55 AM
To: Piippo, Robert E
Subject: FW: I am opposed to destruction of FFTF

-----Original Message-----

From: Dr. Ed L. Battle [mailto:kudzuvine@cableone.net]
Sent: Tuesday, September 24, 2002 4:08 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

We hope that the Department of Energy will see this as a national health issue.

Medical Isotopes Save Lives. Please don't loose those lives through lack of study/investigatioin! Just find the truth and the truth will set you free!!!!

Respectfully submitted:

Piippo, Robert E

024

om: Farabee, Oliver A (Al)
ent: Monday, September 23, 2002 5:04 PM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Carol Bauer [mailto:ronb@webbworks.com]
Sent: Monday, September 23, 2002 1:38 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple. It is of critical importance that the facility remains in tact to be able to product life saving medical isotope. Your own life or the life of one of your loved ones might be saved from the use of these very isotopes. Please give this your heart-felt consideration.

Respectfully submitted:

025
Piippo, Robert E

From: William J. Baughman [nmauthor@juno.com]
ent: Saturday, October 05, 2002 11:55 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. I am a retired chemist who worked at LANL for 35 years and worked on developing the fuel for the FFTF program. This was the time when DOE had the correct idea that nuclear ene

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

026

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Robert Beach

Comment: Thank you for the opportunity, I'm Robert Beach, residing at 7803 West Deshutes Avenue, Kennewick. I work at the FFTF. I came here six years ago after it was shut down to continue the shutdown process. And although the purpose of this meeting is not to comment on the validity of the DOE decision to shutdown the FFTF, it is clear to me that this decision was made on purely political grounds. And contrary to the sound technical and financial basis developed within the nuclear infrastructure PEIS. The same time of closed room decision should not direct the activities considered here. Comments to the proposed changes are the proposed milestones and schedule all relate to deactivation to the facility. Why is this effort being wasted when the DOE has already indicated they will closely integrate the deactivation and decommissioning of the facility? Refer to the October 2nd article in the Tri-City Herald. The CERCLA process decision on the final end state for the facility should be central to all actions that are taken for both the deactivation and the decommissioning of the facility. As such, the CERCLA process making decision should be in the schedule and should be the primary decision point and the first milestone in the process. One basic purpose of the Tri-Party Agreement is understood to be the efficient use of taxpayer funding in cleanup of the Hanford Site. Since the October 2nd TCH article indicates that the close coupling of the deactivation and decommissioning activities for the shutdown of the FFTF can save the taxpayer more than 50% of the projected lifecycle costs. The TPA should incorporate the shortened process as a replacement for the longer and more expensive three-phase process that is presently indicated. The decision on the final endstate of the FFTF should it be shutdown, and that's the DOE's prerogative right now, is another purely political decision supported by economics and quote sound science. This decision should be made now in the open to assure that the real desires of the general public are fulfilled. All parties to the TPA serve the public and the real desires of the public should guide all decisions. Thank you for your opportunity.

027

**COMMENTS OF ROBERT R. BEACH TO THE TRI-PARTY-AGREEMENT M-81-02-01
CHANGE REQUEST ESTABLISHING SCHEDULE AND MILESTONES FOR SHUTDOWN OF
THE FAST FLUX TEST FACILITY**

OCTOBER 10, 2002 PUBLIC MEETING

I, Robert R. Beach, residing at 7803 West Deschutes Ave., Kennewick, Washington, desire to make the following public comments to the changes proposed in the change request, M-81-02-01.

Although the purpose of this meeting is not to comment on the validity of the DOE decision to shut down the FFTF, it is clear to me that this decision was made on purely political grounds and contrary to the sound technical and financial basis developed within the Nuclear Infrastructure PEIS. The same type of closed room decisions should not direct the activities considered here.

Comments to the proposed changes are:

1. The proposed milestones and schedule all relate to Deactivation of the Facility. Why is this effort being wasted when the DOE has already indicated that they will closely integrate the deactivation with decommissioning of the facility? (Refer to the October 2, 2002 article in the TCH.)
2. The CERCLA process decision on the final end state for the facility should be central to all actions that are taken for the deactivation and the decommissioning of the facility. As such, the CERCLA decision making process should be in this schedule and the decision point should become one of the early milestones.
3. One basic purpose of the Tri-Party-Agreement is understood to be the efficient use of taxpayer funding in the cleanup of the Hanford site. Since the October 2, 2002, TCH article indicates that the close-coupling of the deactivation and decommissioning activities for the shutdown of the FFTF could save the taxpayer about 50% of the projected life-cycle costs, the TPA should incorporate this shortened process as a replacement for the longer, and more expensive, three phase process (deactivation, S&M, decommissioning).
4. The decision on the final end-state of the FFTF is another political decision, supported by economics and "sound science". This decision should be made now, in the open, to assure that the real desires of the general public are fulfilled. All parties to the TPA serve the Public, and the real desires of the Public should guide all decisions.

Thanks you for the opportunity to provide these comments.

Sincerely,

Robert R. Beach

028

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 9:36 AM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF.

-----Original Message-----

From: Dr. Rebecca A. Bechtold [mailto:beckydave@mymailstation.com]
Sent: Monday, September 23, 2002 9:25 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

I am appalled at the desire to destroy this magnificent reactor which can be used in the fight of cancer and other debilitating diseases. Think about the funds used to build and operate FFTF in the past and please visit the site before making this irreversible decision.

Respectfully submitted:
Dr. Rebecca A. Bechtold

029
Piippo, Robert E

From: David.V.Becker@aqua.siteprotect.com
ent: Thursday, September 26, 2002 1:54 PM
o: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. It is a major facility producing agents of vital importance in cancer therapy and nuclear medicine research.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for accelleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

030

Piippo, Robert E

From: William Beckett [bill_beckett@berlex.com]
Sent: Tuesday, September 24, 2002 2:47 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer. We are researching treatments for detection of cancer that can use isotopes produced in the FFTF. It's loss could actually serve to potentially delay developments in the war on cancer cause and prevention. The cost of pharmaceuticals already is very high, why should the taxpayers be forced to pay to build another identical plant in another 3-5 years. Keeping the current perfectly operational one will reduce taxpayer burdens and provide a faster access to needed isotopes.

The Department of Energy refuses to see this as a national health issue. As a biotechnology company that will use materials created by the FFTF it should be returned to the operational state needed NOW.

Medical Isotopes Save Lives. It's That Simple. The continued supply from the former communist reactors will not last forever. We MUST have this capacity in our own country.

Respectfully submitted:

William Beckett
Radiation Safety Officer
Berlex Biosciences
2600 Hilltop Drive
Richmond, CA 94806
(510) 262-7808

031
Piippo, Robert E

From: Carole Beeler [cbeeler@gte.net]
Sent: Friday, September 20, 2002 9:31 AM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

032
Piippo, Robert E

From: Christopher M. Bell [cmb8@cornell.edu]
Sent: Wednesday, September 25, 2002 8:23 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

033

From: Marcey Bennion [marc6699@cs.com]
Sent: Thursday, September 26, 2002 1:50 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

034

Piippo, Robert E

From: mbensky [mbensky@msn.com]
Sent: Thursday, August 29, 2002 2:25 PM
To: Oliver_A_Al_Farabee@rl.gov;
Subject: Comments on FFTF Shutdown Schedule

It is totally unacceptable that any irreversible FFTF shutdown actions be taken before an authentic, scientific, politically unbiased assessment of FFTF's potential value is conducted. The EIS was a travesty, and the conclusions drawn from the EIS were not even consistent with the technical content of the document.

The possibility that the medical isotopes that could be produced by the FFTF might enable miraculous cures of many cancers and other painful diseases is not some crackpot notion that can be summarily dismissed by government policy-makers. Anecdotal evidence from numerous medical trials makes it abundantly clear that isotope therapy offers a potential that must be explored further. Destruction of this potential national treasure before fully exploring its potential would be unconscionable.

The costs and risks associated with startup and operation of FFTF are not unreasonable even on an absolute basis when viewed in the context of costs and risks for comparably important government research programs, and when viewed in the context of potential human and economic benefits, it is obvious that it is madness not to pursue further exploration of FFTF's capabilities.

It should be noted that irreversible shutdown of FFTF has become an emotional crusade for anti-nuclear activists. Why? Would waste from FFTF really create an untenable burden on our waste management capabilities? Would essential funding really be diverted from Hanford cleanup activities? Is it really obvious that alternative isotope sources are readily available? None of these possibilities constitute a valid basis for abandoning FFTF and certainly not for anti-FFTF hysteria, so we are left with the conclusion that anti-nuclear activists view FFTF as a nuclear machine and therefore an evil machine, while gutless politicians are unwilling to stand up against the activists and the popular media. There was not a rational basis for the original decision to destroy this national treasure, and there is not a rational basis for this apparent rush to deny ourselves its potential benefits to mankind. My fundamental comment: Throw away the current time-table, and initiate a proper assessment.

Martin Bensky
2121 Briarwood Ct.
Richland, WA 99352
(509) 375-1704
mbensky@msn.com

035

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 5:41 PM
To: Sherman, Yvonne T; Piippo, Robert E
Subject: FW: Comments on FFTF Shutdown

-----Original Message-----

From: mbensky [mailto:mbensky@msn.com]
Sent: Sunday, September 08, 2002 8:19 AM
To: Oliver_A_Al_Farabee@rl.gov
Cc: Mike Fox; Gerry Woodcock; Gordon Rogers
Subject: Fw: Comments on FFTF Shutdown Schedule

----- Original Message -----

From: mbensky
To: Oliver_A_Al_Farabee@rl.gov ; lous461@ecy.wa.gov
Sent: Thursday, August 29, 2002 2:24 PM
Subject: Comments on FFTF Shutdown Schedule

I will attend the Tri-Cities public meeting on the subject of proposed changes to the FFTF destruction schedule. I would like to make a brief comment as close as possible to the beginning of that meeting. The comment is as follows:

COMMENTS ON FFTF DESTRUCTION PLAN

It is outrageous and ridiculous to believe that the number, scope and venues for this set of meetings addresses the unresolved issues related to the planned destruction of a national treasure. It is analogous, though potentially far worse, than the recent destruction of art treasures in Afghanistan by the Taliban. The political machinations that have brought us to this moment have been an absolute farce, and the citizens of this entire nation are entitled to understand the grievous harm about to be inflicted by hysterical anti-nuclear zealots and their political allies.

This meeting should not be about schedule changes to a mundane decommissioning activity. This meeting should be about cancer, and this audience is here to tell you to get off the tragic path you are on, and get onto a path that this nation needs, deserves and would demand if you had the courage to conduct a real public involvement program.

Martin Bensky
2121 Briarwood Ct.
Richland, WA 99352
(509) 375-1704
mbensky@msn.com

036

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Martin Bensky

Comment: My statement should take much less than five minutes so I'll digress for a moment. The lead in your car battery is theoretically capable of killing about 200000 people. Its ½ life is eternity. This nonsense we're hearing about how long something will remain dangerous is a baloney argument and should be taken at that value. Now my statement: It's outrageous and ridiculous to believe that the numbers, scope and the venues for this set of meetings addresses the unresolved issues related to the planned destruction of a national treasure. It is analogous, though far worse than the destruction of art treasures in Afghanistan by the Taliban. The political machinations that have brought us to this moment have been an absolute farce. The citizens of this entire nation are entitled to understand the grievous harm about to be inflicted by hysterical anti-nuclear zealots and their political allies. This meeting should not be about a schedule changes to a mundane decommissioning activity. This meeting should be about cancer. And this audience is here to tell you to get off the tragic path you are on and get onto a path that this nation needs, deserves and will demand if you had the courage to conduct a real public involvement program. Thank you.

Piippo, Robert E

037

From: David W. Bergevin [david@nap-chem.com]
ent: Thursday, October 03, 2002 11:42 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives.. It's That Simple.

Respectfully submitted:

038
Piippo, Robert E

From: Robert Berglund [rcbergie@aol.com]
Sent: Monday, September 23, 2002 6:02 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

039
Piippo, Robert E

From: BJ Bernath [bj@coastalnow.net]
Sent: Sunday, September 22, 2002 5:44 PM
To: Oliver_A_Al_Farabee@RL.GOV
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

040

Piippo, Robert E

From: Frances M. Berting [fberting@losalamos.com]
Sent: Thursday, October 03, 2002 1:48 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

DESTROYING A FACILITY OF THE CALIBER OF THE FFTF IS A HORRIFIC WASTE! IT IS ALSO A WASTE OF ABOUT \$1 1/2 BILLION TO TEAR IT DOWN AND UP TO \$9 BILLION TO BUILD A REPLACEMENT. Instead, FFTF could be making money to use in its eventual retirement. Plus, FFTF could be on line in a year or so. The replacement will take many years.

Please provide more time to get FFTF up and running. DO NOT DESTROY an important national resource.

Respectfully submitted:
Frances M. Berting
585 Camino Cereza
Los Alamos, NM 87544

041
Piippo, Robert E

From: Dorothy Beyer [DBeyer4970@aol.com]
Sent: Wednesday, September 25, 2002 11:10 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

042
Pilippo, Robert E

From: Randy Black [rblack@apsc.com]
Sent: Thursday, September 26, 2002 8:15 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

043

From: Michael J Blair [mjblair@qwest.com]
Sent: Tuesday, September 24, 2002 8:31 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. WE need this facility.

Do not destroy and rebuild it at some future date and time at a billion or 2 billion dollars , for political gain . This is peoples lives you are playing with. The government needs to quite playing god.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

044

Piippo, Robert E

om: Charles Boardman [charles.boardman@gene.ge.com]
ent: Monday, September 23, 2002 7:33 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF as it is needed for isotope production, tritium production, and fuel testing for Advanced Generation IV reactors. Don't set the Country back by 15 years and ~6 Billion dollars.

Charles E. Boardman

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

045

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: John Boland

Comment: Yeah. I It was cute the Grannies, or whatever they call themselves.. Cute, but incredibly sad. Because when they got to the point in the song and you need to pardon my back, ladies and gentlemen, when they got to the point in the song where they talk about the poor little critters around the FFTF. Immediately in my mind came the two 13 year old girls that had radical mastectomies. In Portland, I was at Portland at the Susan B. Koman Breast Foundation seminar. Talked to probably upwards of 100 women who had mostly not heard anything about radioisotopes, medical isotopes of any kind. And I find it incredibly sad that a cute little critter is more important than the 100's of 1000's of people that could be successfully treated, much much less invasively, with much, much less cost that the little critters around the FFTF are far more important. Everyone in this room has either known someone who has got cancer, has cancer themselves, they're going to get it, either a loved one, or a friend sometime in their lifetime. And when that thing comes, your going to damn well wish the FFTF had been up and had a quick, easy inexpensive cure for whatever comes down. In Oregon they have an assisted suicide law. The main reason that they have that law is that people who contract cancer get so desperately pained the pain is so terminally horrible for them that they would prefer to die. The medical isotope is in general use in Europe that can either alleviate most of that pain or completely eliminate it. It can't cure the cancer, but the time they'll have left on Earth will be one of the highest possible quality they could have instead of wanting to die today or tomorrow. Keep that one in mind. One of the things that really puckers my rump ... Fluor, in the Tri Cities has put out; I'm not sure if Mr. Farabee has seen this, this particular thing is the vision for the FFTF. Put out by Mr. Clegg Crawford who was put in place inside the Fluor organization just recently. They call him Dr. Death in the industry. And he is the fellow that is going to punch a hole in that FFTF and end it as soon as possible. This bottom line I will read for you, by the way is the desert before the FFTF is gone and that's the ghost of the FFTF out there if you would look at it. The bottom line is this, and this is the pucker part, when we are done, the legacy of the FFTF will not be a burden on our children or the environment. Instead our legacy will be that of scientific achievement and accomplishment. A Facility that came and went before its time. No, the legacy will be 100's of 1000's of people that died needlessly because of this accelerated program. Thank you.

046

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: John Boland

Comment: Thank you I'll speak very quickly. There are a few of us that recently attended the Susan B. Koman Breast Cancer Foundation meetings/seminars here in Portland. Out of that particular meeting some information came I don't know if you Oregon people know about this but there were 2 13 year old girls had radical mastectomies, with cancers that probably could have been cured with medical isotopes. Oregon has what I believe is a very civilized law that's called the Assisted Suicide Law. I do believe in this thing. Most of the reasons for that are cancer patients who move into that bone cancer pain that is so excruciating that though they could probably live a year or 6 months whatever, they say take me now I can't stand another 5 minutes of this. And they want to go now. Now there are medical isotopes that are used in Europe that could be being produced at the FFTF that could either greatly alleviate or completely eliminate that bone pain. They're not going to live any longer, but that last 6 months or that year that they will have left will be a quality of life that will be worth being around them. It's very very tough. Acute wilagemous leukemia is something that is 65% fatal with the existing technologies without medical isotopes. There is a teeny weenie little drug trial going on using a medical isotope that instead of being 65% fatal, it is 75% complete remission. Now that means that it's gone. The department of Energy has magnanously decided to supply enough for 18 patients in this trial in the entire nation. Next year they are going to double that, we will have 36 patients in that trial, thank you Department of Energy. These are things that are absolutely criminal. At an operating cost to produce medical isotopes say roughly 40million dollars. If you divide 40 m million dollars into 2.1 Billion which is the Greenfield goal of the Heart of America and other folks to get rid of that particular machine. That could run for 52 1/2 years and being saving millions of lives. If you take the 2 billion sunk cost of that beautiful machine sitting there you could run it for 105 years and be saving millions and millions of lives. This insanity has to stop. This word has to get out somehow. Thank you

647

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source:

Richland Public Meeting (October 10, 2002)

Commenter:

John Boland

Comment: John Boland from Kennewick Washington. One of the things that happens back in Washington DC which is ... It's been very, very tough for us even to appear on the radar back there, is the presence in the newspapers. There are people back there that clip articles, they actually sum of our folks have been shown by people, they open up a notebook, and they peel back papers and they show the various articles and letters to the editor that have been written. Bob Schenter here, God love him has been beating us to death over this thing, write letters, write letters, write letters. So many of us don't get around to doing it, we're too busy doing other kinds of things making a living etc. So these things go by, but they really do count. On this piece of paper, I've put this thing out. It's on the back table back there. There probably not enough copies to go around but I urge every one of you that is left in this room to pick this thing up. And I urge 2 things. There's 2 web site things there, 1) is the Fast Flux Test Facility petition, you can sign it electronically, add your name to the list of people that are protesting the things that are going on that we're speaking here tonight. Second thing, is a wonderful organization that is far, far too small headed by Niki Hobson down in California, San Diego. It's called the National Association of Cancer Patients. You heard Bob Schenter is a member and a director; Marlene Oliver is from our area up here. This is a group that lobbies for cancer issues. They send newsletters out; they're instructional, they lobby in Congress. Now when somebody goes back to Congress, typical politician said You're with the National Association of Cancer Patients, yes, how many people do you represent? Niki has had to say in the past, I represent 3900 people. Right away, click click click, 3900 people, and she says sadly they're all dying on us regularly so we have kind of a stable membership. At our behest we opened the possibility of a National Association of Cancer Patients has an associate membership. 5 bucks, you can sign on, you can put it on your visa card. So when Niki or somebody from the National Association of Cancer Patients sits before a political group in congress and they say how many do you represent, we have 5 million dues paying members... Oh, will you step into my office, would you like a martini? Or a cup of coffee or something, so they are vote counters. So I urge you all to pick this thing up, my name is John Boland I'm in the local phone book if you need additional information or you can't find one of these, contact me I'll put you on the web site, we'll figure out some way to get you to join that particular group so we have a lobby that is 50 times larger than the Heart of America lobby. Thank you.

048

Piippo, Robert E

From: KATHLEEN A. BONASERA [skipkathybona@aol.com]
Sent: Tuesday, September 24, 2002 6:48 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

049

Piippo, Robert E

From: Lisa Bosworth [lisa@rso.utah.edu]
Sent: Tuesday, September 24, 2002 2:49 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

050

Piippo, Robert E

From: Nicholas Brackett [sicnik@mcn.net]
Sent: Sunday, September 22, 2002 5:25 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted:

051

Piippo, Robert E

From: Farabee, Oliver A (AI)
Sent: Monday, September 23, 2002 5:56 PM
To: Piippo, Robert E
Subject: FW: FFTF shutdown

-----Original Message-----

From: Rebecca Nelson [mailto:bnel@gorge.net]
Sent: Tuesday, September 17, 2002 10:47 AM
To: Oliver_A_Al_Farabee@rl.gov
Cc: lous461@ecy.wa.gov
Subject: FFTF shutdown

We do not want to keep paying for the FFTF reactor while we are struggling to get Hanford cleaned up. We oppose dragging out the process of FFTF shutdown.
Thank you.

Rebecca Nelson
David M. Braun

052

Piippo, Robert E

From: Todd Brautigam [tsbraut@alum.iup.edu]
Sent: Wednesday, September 25, 2002 3:02 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

053
Piippo, Robert E

From: Dave Bridges [big_dave51@hotmail.com]
Sent: Friday, September 20, 2002 10:58 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

054

Piippo, Robert E

From: John T Bridges [jbridgesiii@yahoo.com]
Sent: Friday, September 20, 2002 10:57 AM
To: Oliver_A_Al_Farabee@ri.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

055

Piippo, Robert E

From: Kitty Bridges [kittybridges@msn.com]
Sent: Friday, September 20, 2002 10:57 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted

056

Piippo, Robert E

From: Lois Bridges [loisbridges48@msn.com]
Sent: Saturday, September 21, 2002 9:44 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

Piippo, Robert E

057

From: Farabee, Oliver A (Al)
ent: Sunday, September 22, 2002 6:41 PM
To: Piippo, Robert E
Subject: FW: FFTF Shutdown

-----Original Message-----

From: William R. Brooksher [mailto:bbrook@member.afa.org]
Sent: Saturday, September 21, 2002 3:15 PM
To: Oliver A Al Farabee@rl.gov
Subject: FFTF Shutdown

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

Let's cut directly to the chase. Shutting FFTF down is both wasteful and stupid! As a cancer victim, I can tell you that any action taken by the government that inhibits in any way our ability to fight and beat this disease, especially in view of the millions upon millions of dollars the government literally throws away every day, defies common sense. Let's collectively get our heads out of the bureaucratic bucket, forget get political agendas, and press forward with converting this valuable facility into an engine for the important business of fighting cancer. Let's not forget that the Government has no greater responsibility than caring for the well-being of its citizens. Converting FFTF to a facility for fighting cancer will clearly demonstrate that our Governments, federal and state, recognize and accept that responsibility.

Respectfully,

William R. Brooksher

058
Piippo, Robert E

From: Elayne Brower [embrower@aol.com]
ent: Tuesday, September 24, 2002 6:14 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

059
Piippo, Robert E

From: David Brown [dwbrowns59@cs.com]
Sent: Thursday, September 26, 2002 11:13 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

060
Piippo, Robert E

From: Neil W. Brown [brown93@jps.net]
Sent: Monday, September 23, 2002 10:23 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

Piippo, Robert E

061

From: Richard H. Budzeck [Richard_H_Rick_Budzeck@RL.gov]
Sent: Monday, September 23, 2002 3:22 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted:

062
Plippo, Robert E

From: Stephen D. Burnett [sv.burnett@verizon.net]
Sent: Thursday, September 19, 2002 11:40 AM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted

063

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Barbara Butterfield

Comment: My name is Barbara Butterfield and I'm a local resident here. I learned about the FFTF about 4 years ago, when a friend contracted lymphoma and I learned that there was a possibility that he was accepted into a program to help cure the lymphoma. There were not enough isotopes and he could not be accepted and he died 9 months later. Another friend has just completed who would have been a breast cancer candidate for isotopes just completed 35 days of radiation treatment and she's having terrible secondary problems because of the radiation. We don't know if she's cured yet. The 3rd person had prostate cancer, isotope seeds were used and he is free and clear. Since I've learned about this I have been talking with friends, everybody that I come in contact with to ask them if they know of this, if they understand medical isotopes can be of such great help with cancer and they say no. Where is the press, where is the information we on the west side of the mountains have no clue what's going on and I am appalled that the Department of Energy has not been making this issue more forthcoming to all of us. So many Americans have to leave this country to get assistance and I think that's appalling as well. We need to have the resources and certainly the greatest country in the world can provide those. For me or someone else to have to go outside this country to have their life saved is a travesty. And the other great issue, which is a national issue. We hear about health care costs everyday, the cost impact of this can be significantly lessened our health care crisis in this country. Thank you

064

10/10/02

HELEN CANNON

Dear Mr. Farabee,

I am in favor of saving the
"Reactor" because I have lost two
husbands to cancer and my son-
in-law, who has melanoma.

A thousand thanks for all your
efforts.

Sincerely,

Helen Cannon

Mrs. Rodman A. Cannon
5036 Avenida Del Sol
Laguna Hills, Ca 92653



Mr. Al Farabee N2-36
Department of Energy
P.O. Box 550 ~~N-36~~
Richland, Wa 99352

NOTIFY SENDER OF
NEW/CORRECT MAIL
STOP NUMBER (MSIN)

99352+0550 |||||

065

**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

As a new citizen of the state of Washington, I was alarmed to learn about the amount of nuclear waste that has contaminated the area of the Hanford Nuclear Reservation. I think that for the health and safety of the environment and the citizens of the region, clean-up of this area should be completed as quickly and as thoroughly possible.

It is my understanding that the USDOE previously committed funds saved from FFTF shutdown to Hanford clean-up. So, it seems that potential funds to expedite clean-up are tied up in FFTF maintenance and shutdown procedures. Therefore, I believe FFTF should be deactivated as fast and safe as possible in order to add funds and manpower to entire Hanford clean-up.

I fully support the decision to shutdown FFTF, and I applaud the federal government for finally formalizing the decision. I believe this is a step in the right direction in order to achieve an improved quality of living in the region, with reduced risk of health and safety hazards due to waste contamination.

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver A Al Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name STACEY CARLBERG
(Please Print)

Address 4035 37TH AVE. SOUTH
SEATTLE, WA 98118

066
Piippo, Robert E

From: Andrea Carvo [andreacarvo@hotmail.com]
Sent: Tuesday, September 24, 2002 7:46 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

067

om: chris carvo [clever969@hotmail.com]
ent: Tuesday, September 24, 2002 2:00 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

068
Piippo, Robert E

From: Peter Carvo [carvop@mccampbell.navy.mil]
Sent: Monday, September 23, 2002 10:22 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

069

Piippo, Robert E

From: Peter M. Carvo [carvop@mccampbell.navy.mil]
Sent: Saturday, October 05, 2002 2:32 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE has transfed FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. NOW, this action WILL take money from the vital and "budget constrained" cleanup.

The Community Plan to save the FFTF will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue. The community plan preserves the FFTF for vital nuclear Research and Development. The FFTF is vital to meet our nations energy needs.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:
GM2 Peter M. Carvo, USN

070
Piippo, Robert E

From: Paul S. Case [pscase@charter.net]
Sent: Wednesday, September 18, 2002 9:07 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical isotopes save lives. It's that simple. I have undergone five series of chemotherapy treatments since being diagnosed with non-Hodgkins lymphoma in January 1997. My cancer is considered non-curable, but medical isotopes offer a glimmer of hope that I may be able to avoid a debilitating stem-cell transplant in a few years. I hope and pray that those isotopes will be available when I, and others like me, need them.

Respectfully submitted

Piippo, Robert E

071

From: Al Castellane [castella@ohsu.edu]
Sent: Tuesday, September 24, 2002 2:57 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF .

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: Al Castellane, Oregon health & Science University

072
Piippo, Robert E

From: Ron Chambliss [msu94@aol.com]
Sent: Monday, September 23, 2002 9:23 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

073

From: Kevin Chase [kchase@mabton.wdnet.edu]
Sent: Monday, September 23, 2002 9:33 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

074

From: Farabee, Oliver A (Al)
Sent: Wednesday, September 25, 2002 10:52 AM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Ron Cheek [mailto:chesirk@dfwonline.net]
Sent: Tuesday, September 24, 2002 4:21 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

075
Piippo, Robert E

From: Eric Cieszkiewicz [Eric_Cieszkiewicz@Brown.edu]
Sent: Wednesday, September 25, 2002 5:54 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

076

OREGON HANFORD WASTE BOARD

Shelley Cimon, Chair

Casey Beard, Vice Chair

Larry Gluck

Norm Dyer

Norma Jean Germond

Barbara Jarvis

Patricia Knight

Eric Nisley

Marc Rogelstad

Chris Dearth
Governor's Representative

Paul R. Cleary
Water Resources
Department

Ernest Minthorn
Confederated Tribes of
the Umatilla Indian
Reservation

Michael Grainey
Oregon Office of Energy

Sen. Ted Ferrioli

Sen. David Nelson

Rep. Jerry Krummel

Rep. Jeff Merkley

Rep. Greg Smith

Susan N. Safford
Administrator

VIA FACSIMILE

October 14, 2002

Mr. O. A. (Al) Farabee
U. S. Department of Energy
Richland Operations Office
P.O. Box 550, MS N2-36
Richland, WA 99352
Fax: 509-376-0177

Ms. Laura Cusack
Washington Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030

Re: Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Change Request for the Fast Flux Test Facility (FFTF), August 16, 2002

Dear Mr. Farabee and Ms. Cusack:

The Oregon Hanford Waste Board discussed the Tri-Party Agreement Change Package for the Fast Flux Test Facility at its recent meeting. We are encouraged that you are proceeding with implementation of Secretary Abraham's final order to shutdown the Fast Flux Test Facility.

We encourage you to deactivate and decontaminate the Fast Flux Test Facility as expeditiously as possible. Repeated studies have shown the reactor no longer has a viable mission. Maintaining the reactor in standby has cost hundreds of millions of dollars and severely divided those of us who otherwise work together on Hanford cleanup issues.

The Board urges you to remain focused on implementing Secretary Abraham's order. The proposed changes to the Tri-Party Agreement help you do that by creating enforceable deadlines for the work.

We appreciate the opportunity to comment on the change package.

Very truly yours,



Shelley Cimon
Chair

phone 503.378.4040 800.221.8035 in Oregon fax 503.373.7806

625 Marion Street, N.E., Suite 1, Salem, Oregon 97301-3742
www.energy.state.or.us/hucsafe/hwboard.htm

Mr. A.O. (Al Farabee) and Ms. Laura Cusack
October 14, 2002

Page 2

Cc (via mail): Keith Klein, U.S. Department of Energy
Nick Ceto, U.S. Environmental Protection Agency
Oregon Hanford Waste Board

077

Piippo, Robert E

From: Farabee, Oliver A (Al)
ent: Sunday, September 29, 2002 10:15 AM
To: Piippo, Robert E
Subject: FW: Opposition to the TPA Change Package for Accelerating Destruction of FFTF

-----Original Message-----

From: Gary.L.Clark@aqua.siteprotect.com
[mailto:Gary.L.Clark@aqua.siteprotect.com]
Sent: Friday, September 27, 2002 9:55 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Opposition to the TPA Change Package for Accelerating
Destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The Department of Engery (DOE) promised and Tri-Party signed an agreement that maintains the budget for the Fast Flux Test Facility (FFTF) in Nuclear Energy (NE). This arrangement was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding, which is provided separately.

Now, Tri-Party is agreeing to accellerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for accelleration. AND, FFTF WILL siphon funds from the vital and "budget constrained" clean-up.

The Community Plan will not detract from clean-up budgets, but will save the taxpayers over \$1 billion, AND save millions of lives in the war on cancer as well.

Unfortunately, the DOE refuses to see this situation as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

078

Pilppo, Robert E

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 5:48 PM
To: Pilppo, Robert E
Subject: FW: Schedule for closing FTTE reactor

-----Original Message-----

From: Welden & Virginia Clark [mailto:clark@olympus.net]
Sent: Wednesday, September 18, 2002 3:18 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Schedule for closing FTTE reactor

Dear Oliver Farabee;

Please stick with the June 2003 date for draining the sodium from the FTTE nuclear reactor and 2005 deadline for finishing the draining of the sodium. Every delay simply costs the taxpayers more money and draws out a process that should have been finished years ago.

Virginia Clark PhD
852 Sporseen Rd
Sequim, WA 98382

079

Piippo, Robert E

From: Zack Clayton [zclayton@epa.state.oh.us]
Sent: Wednesday, September 25, 2002 4:56 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: Zack Clayton, Health Physicist

080

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Elizabeth Cochran (phone)

Comment: This is Dr. Elizabeth Cochran. I am in the medical field. I know what all the isotopes, the radial spheres and the M-plants and the bullets are all about and I think that its very very important that we keep this plant this place open, because we think we are so much above everybody else in the world, but France, and England and all of those and Switzerland are so much more advanced than we are with this isotope deal and we're going to close a plant that has the ability to instead of us importing 90% of our isotopes we're going to close it down and keep on importing those. I think that national hearings have not been held but it is a national health issue. I think the government should be involved in it. I the availability of all this is not been addressed by our government. And it needs to be. This is a serious deal. We have people that are dying from cancer that could be cured with the radial isotopes. Who cares? I care. So we need to fight for this facility to stay open. Not be shutdown and take 10-15 years and billions of dollars to rebuild another one

Facilitator Maam you have 3 minutes

OK I guess that is about all I have to say. Just don't need to stop I mean we need to stop destruction of these facilities so that we don't have to build new ones. And we could be up with Switzerland, France England, all of those with our medical knowledge. That's all I have to say. Thanks.

081

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Elizabeth Cochran (phone)

Comment: I feel that the scheduled closing of the FFTF is a national health issue and a national travesty. How can the department of energy or anyone decide to destroy a facility that can produce the means for treatment of cancers more effectively and make us independent rather than dependent on other countries for these materials. That have many other applications such as rendering harmless anthrax, e-coli, and mad cow disease. I am mainly concerned that we have to import 90% of our isotopes from other countries when we have the potential to be self-sufficient. I am concerned that many cancers are not responding to current treatments being used. I am concerned that limited availability of medical isotopes may keep us from moving forward to more effective treatments and cures for cancer patients and I'm concerned that decision makers in the DOE and other government departments have so little concern for taxpayers and how our money is spent that we'll that they will tear down a perfectly good facility which can benefit all citizens even though there will still be a need for the medical isotopes after it is destroyed. It is time to do the right thing for our country, our citizens and our cancer patients. Thank you.

082

Piippo, Robert E

rom: Nicholas Cochran [webnick@earthlink.net]
Sent: Monday, September 23, 2002 8:33 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

083

Piippo, Robert E

From: AJ Colburn [aecolburn1@msn.com]
Sent: Wednesday, September 25, 2002 12:59 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

084

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Anita Colvin (phone)

Comment: Yes, This is Anita Colvin and I'm calling you from Texarkana Texas, and I will probably mostly echo the other statements that have been made but I think that the decision to close this facility down has been done with no planning for the future and when we are having to import 90% of the isotopes that we use daily in 50,000 procedures per day we're getting about like we are with the gas situation. We're dependent on the whims of the rest of the world. And I don't see why we cannot be self sufficient for these isotopes right here in the United States since we have a facility that was built by taxpayers money I don't see why we cannot have that facility to provide these much needed isotopes, instead of begging for them from Europe or wherever we can get them. I know that very soon there is to be done at M.D. Anderson an implantation of an isotope in a liver cancer patient. And I am told that this is being done in Europe quite a bit. And it offers about the only hope there is for anybody with liver cancer. But the isotope that will be used on that patient has to be flown here from Australia and I think that is 30-36 hours away and that isotope has a ½ life of 64 hours. It would be so much easier if we had that if we could get that isotope from here in the states. And there is no reason why we shouldn't if this one is shut down and another one is built we are looking at a 10 or 15 year time period that we will still be dependent on other people and these life saving isotope will not be available for everyone that wants them. And it can be me and it can be any body in that audience.

Facilitator Maam, you have about 3 minutes please

I think national hearings should be held. I certainly think there ought to be some here in Texas. I think they ought to be in Washington DC and I think that if the American people were really aware what was happening out there that you would hear an outcry because I think that what is happening out there is almost criminal. And I guess that's my statement

085

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Anita Colvin (phone)

Comment: This is Anita Colvin and I'm calling from Texarkana Texas, and I just want to say how can our government and the Department of Energy say no to restarting FFTF to produce my medical isotope? In doing so, they are saying no to a kinder, gentler and more effective treatment for cancer patients who are now battling the disease and those who will develop it in the coming years. Treatment with medical isotopes in prostate, breast and non-Hodgkins lymphoma currently is showing how effective medical isotope treatment is. I believe their use will be expanded as it being done in Europe, if the isotopes are available. How can our government choose to make us dependent on other countries for these vital life saving materials when we can be self sufficient by restarting FFTF. Under the Atomic Energy Act of 1954 the Department of Energy is responsible to provide adequate supplies of isotopes but in fact they cannot guarantee researchers steady supply of isotopes with which to conduct research. The balanced budget act of 1997 encourages government departments to help each other save money. But the department of energy has ignored a request by congress to do a study on cost savings to Medicare and Medicaid with regard to use of isotopes. Why would you destroy a taxpayer built facility that can provide a vital service to the community, the nation, and to cancer patients? As I understand it costs about 2 billion dollars to build FFTF. And that's Taxpayer dollars. And it'll cost about 2 Billion to destroy it. And that's taxpayer dollars too. And if it's destroyed there will still being a crying need for medical isotopes. FFTF is unique in it's potential for isotope production there's not another one like it the world and it's ours, right here in the USA. To build another one would cost 7 or 8 billion dollars more of taxpayer's money and take 10 years or maybe 15 as some are saying to bring it on line. How can the Department of Energy continue with the planned destruction of FFTF and in doing so say no to cancer patients who need the treatment and clinical trials and research now. Their cancers won't wait until politicians decide when and where to build another FFTF.

Facilitator: Maam you have about 2 minutes left

Additionally lets not overlook the very important fact that FFTF can help get rid of nuclear waste as it is used to produce these needed medical isotopes .We have the opportunity to move into a new era in cancer treatment and meet our national responsibility to our citizens and to cancer patients. Thank you

086

Piippo, Robert E

om: Chapin, Douglas H
Sent: Thursday, September 12, 2002 3:44 PM
To: Piippo, Robert E; Wise, Barbara K
Cc: Dagan, Ellen B
Subject: 9/11/02 Anita Colvin Email: "Please don't shut down FFTF"

-----Original Message-----

From: Almquist, Rodney A
Sent: Thursday, September 12, 2002 2:25 PM
To: Chapin, Douglas H
Subject: FW: Please don't shut down FFTF

Rod Almquist
FFTF Project Office
(509) 376-2171

-----Original Message-----

From: Anita C. Colvin [mailto:acolvin@cableone.net]
Sent: Wednesday, September 11, 2002 7:59 AM
To: Oliver_A_Al_Farabee@RL.gov
Subject: Please don't shut down FFTF

Dear Mr. O.A. Farabee (U.S. Department of Energy)

We are already in short supply of isotopes in this country where 50,000 isotopes are already used daily. The effectiveness of isotopes used in cancer treatment is being demonstrated at an accelerated rate. FFTF can provide the isotopes we must have, whereas we now are dependent on other countries for 90% that we use. Oil dependence has shown us the fallacy of that position. To shut down FFTF will be a giant step backward with regard to advancement in cancer treatment. Save FFTF!

May I ask that you please NOT shut down the Fast Flux Test Facility in Eastern Washington state.

I think this is a very bad idea and should not be done.

There is too much good that can be done with this facility that will be lost if it is closed.

Thank you very much.

087

Sept 26, 2002

Dear Al,

We are unable to
attend the October 10th meeting.
Please keep up your
efforts to save the FFFF

Sincerely

Bill and Ruth Connally
1905 Poplar St.
Richland, WA. 99352

I kept the \$10 + return it
via letter not responsive to any
question J. A. Farah 10/4/02

P.S. Enclosed \$10. for postage, etc.

088

Sept 26, 2002

Dear Al,

We are unable to
attend the October 10th meeting.
Please keep up your
efforts to save the FTF

Sincerely

Bill and Ruth Connolly
1905 Poplar St.
Richland, WA. 99352

I kept the \$10 + return it
via letter not responsive to any
question J. Farah 10/4/02

P.S. Enclosed \$10. for postage, etc.

089

**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

I TRANSFERRED FROM "PLANT APPARATUS" (U) DIVISION
IN PGH. TO WORK ON DESIGN AND CONSTRUCTION
OF FFTF. I STAYED AT THAT ASSIGNMENT
THRU START-UP AND FELT THAT THE FFTF
WAS A WORTHY COMPONENT FOR USE BY D.O.E.
TO OBTAIN REVENUE FOR TESTING OF MATERIAL
FROM WORLD COUNTRIES. I WENT ON TO
THE FHEF & MASF TO COMPLETION ALSO, TO
THIS DAY I HAVE NOT SEEN A SINGLE
ARTICLE OF ANY SUBSTANCE FOR THE USE
OF FACILITIES IN THE 400 AREA. NOW THE
GOVERNMENT BY WAY OF STRONG LOBBYISTS
WANT TO SHUT DOWN THE PRINCIPAL COMPONENT
OF THE 400 AREA. MILLIONS OF DOLARS
FURNISHED BY TAXPAYERS IS NOW BEING
THROWN AWAY WITHOUT ANY RETURNS
I AM THOROUGHLY DISAPPOINTED IN THE
LACK OF D.O.E. STRENGTH TO CONVINCE
THE ADMINISTRATION TO DELAY START OF
LIQUID SODIUM REMOVAL UNTIL SOME PARTY(IES)
STEPS FORWARD TO MANAGE & RUN THE FFTF
FOR MEDICAL PURPOSES

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver A Al Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name WILLIAM D. CONNOLLY
(Please Print)

Address 1905 PODWAS ST
RICHLAND WA.
99352

090

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Mike Contini

Comment: My name is Mike Contini and I'm speaking tonight as a citizen. I'm a resident of Franklin County. I do not support the accelerated Tri-Party Agreement milestones as they are applied to the Fast Flux Test Facility. I have a couple of reasons. 1) I do support the efforts of the Community Reuse Agency. 2) The record of decision is a joke; that was put out by Mr. Card. I teach a class at WSU Tri-Cities. I would give that paper an F, because it's full of crap. It is dishonest and it appears to be written by incompetent people. Anybody in the highest levels of the Department of Energy ought to at least ask Mr. Farabee gee, is it a Fast Flux Test Facility or is it a Thermal Reactor? The two are mutually exclusive if you know anything about nuclear physics. Another reason is there is only one reason to rush and accelerate the destruction of FFTF. 1) Its CYA time. Kill it before the truth comes out. OK, a statement was made by a very important individual in the world of FFTF. We must cut out the heart of the FFTF. That's an attitude that seems to be prevailing right now in the highest levels of the Department of Energy. Oh Gee, if you want to cut out the heart of FFTF, fire all the people that work there. That's the heart of FFTF. OK, I would also like an investigation of what undo influence did incompetent Washington DC government bureaucrats have in the decision process? It appears Washington incompetent bureaucrats were the ones who overrode the analysis made and any other decisions and facts that were put out by very competent individuals, so I demand an investigation as to why. Before we go running down the road of destroying the plant. Another reason why, is I am a survivor of colon cancer and isotope was used to help diagnose that, eliminating another possibility. Medical isotopes do benefit people and we need them. We do not need to destroy a facility that can make them. Thank you.

091
Pilippo, Robert E

From: Mary Cooke [skyhawk@urx.com]
Sent: Tuesday, September 24, 2002 7:23 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

092

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Remi Coussens

Comment: I'm Remi Coussens For the last 2 ½ years we've been working on a fund raising to get a cancer center in Hillsboro and I was one on the fund raising committee, we've raised just nearly 2 ½ million dollars. Volunteers from all the people in the community. And most of them are understanding that we're going to be using medical isotopes, so if we loose this facility, they may not have all the medical isotopes that we'd like to have. So I'm in favor of keeping this FFTF in operation, or get it in operation and that question to Mr. Farabee-- Would it be possible that you could come to Hillsboro and explain to the people and the citizens of that area what the governments plan is? Or is this the wrong time to ask?

Facilitator: Again, as I mentioned, you can ask a question for the record, but Mr. Farabee nor myself can engage in answering those questions in a dialogue here tonight.

Alright, thank you.

093

October 14, 2002

O. A. Farabee
U.S. Department of Energy
Richland Operations Office
PO Box 550 (N2-36)
Richland, WA 99352

Dear Mr. Farabee,

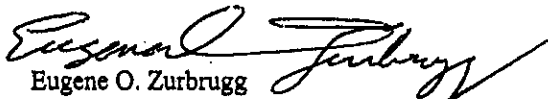
The community of Hillsboro owns our own Tuality Community Hospital. Our town has grown to the point that we felt it was important to have our own Radiation Treatment Center to augment our existing cancer treatment programs. We along with other members of the Tuality Healthcare Foundation led the campaign to raise 2.5 million for the construction of the treatment center facility. We had the ground breaking ceremony October 3rd and the facility is fully operational.

We are in dire need of a reliable source of medical isotopes to use in our cancer treatment process. We support keeping the FFTF in Richland, Washington open in order to give us the option of accessing locally produced isotopes.

Thank you for your consideration.

Sincerely,


Remi Coussens


Eugene O. Zurbrugg

R. Coussens
8200 NW Glencoe Rd.
Hillsboro, OR 97124-8236

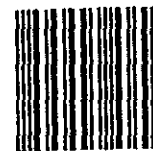
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O.A. Farabee
U.S. Department of Energy
Richland Operations Office
PO Box 550 (N2-36) 114A
Richland, WA 99352

BW
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084
Piippo, Robert E

From: John F Covey [jcovey50@aol.com]
Sent: Monday, September 23, 2002 12:13 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

It also appears that the Department of Energy is rushing to cripple FFTF before more support can be put together to run it for medical isotopes.

Respectfully submitted: John F Covey

Pilippo, Robert E

095

From: Bill Cowan [blcowan@msn.com]
Sent: Friday, October 04, 2002 7:09 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

096
Piippo, Robert E

From: Harley Cowan [harley@ygh.com]
Sent: Friday, September 20, 2002 1:16 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple. No other facility anywhere in the world is able to create the quality of isotopes that FFTF can. Please do not turn your back on the future of this facility.

Respectfully submitted:

097
Piippo, Robert E

From: Thomas A. Cowan [tcowan@cowanwalker.com]
Sent: Friday, September 20, 2002 1:55 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The DOE plan to destroy the FFTF is a betrayal of this community and is a deplorable waste of taxpayers money and assets. No where but in a government bureaucracy would this waste be countenanced when there are alternative uses for this facility.

The loss of this facility means that the U.S. will forever be dependent upon foreign sources for medical isotopes. Another business which is being shipped off shore. Another instance in which the health care of American citizens will be held hostage to the whims of other countries.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue and it ignores FFTF as a notional asset to be used for the benefit of American citizens.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

098

From: Tim Cowan [tim@ygh.com]
Sent: Friday, September 20, 2002 1:11 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

In addition to the below statement, I would add that it seems ridiculous to demolish a useful building that taxpayers spent millions of dollars on to construct. With as much interest that already exists, certainly we can find a solution to keep the building alive for important research of medical isotopes!

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:
Tim Cowan

099
Piippo, Robert E

From: Guy Crawford [guyc@utep.edu]
ent: Wednesday, September 25, 2002 7:04 AM
To: Oliver_A_Al_Farabee@RL.GOV
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

100
Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 5:56 PM
To: Piippo, Robert E
Subject: FW: Please don't shut down FFTF

-----Original Message-----

From: Jim & Liz Curtis [mailto:jimnliz@quixnet.net]
Sent: Tuesday, September 17, 2002 8:51 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Please don't shut down FFTF

Dear Mr. Al Farabee (U.S. Department of Energy)

May I ask that you please NOT shut down the Fast Flux Test Facility in Eastern Washington state.

I think this is a very bad idea and should not be done.

There is too much good that can be done with this facility that will be lost if it is closed.

Thank you very much.

101
Piippo, Robert E

From: James . Curtis [jimnliz@quixnet.net]
Sent: Wednesday, October 02, 2002 11:28 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. Why are we ducking the public??? All DOE is up to is to relocate this facility at the tax payers expense.. You will never accomplish this for less than 7 BILLION DOLLARS and

In addition this facility is capable of burning some of the waste while producing some of the badly needed isotopes.. A win-win for the tax payer.....

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Pilippo, Robert E

102

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 5:56 PM
To: Pilippo, Robert E
Subject: FW: Please don't shut down FFTF

-----Original Message-----

From: Jim & Liz Curtis [mailto:jimnliz@quixnet.net]
Sent: Tuesday, September 17, 2002 8:51 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Please don't shut down FFTF

Dear Mr. Al Farabee (U.S. Department of Energy)

May I ask that you please NOT shut down the Fast Flux Test Facility in Eastern Washington state.

I think this is a very bad idea and should not be done.

There is too much good that can be done with this facility that will be lost if it is closed.

Thank you very much.

103

Piippo, Robert E

From: Brooke Damrell [brookedamrell@msn.com]
Sent: Saturday, September 21, 2002 1:40 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

104

Piippo, Robert E

From: Kevin Damrell [damrell@charter.net]
Sent: Saturday, September 21, 2002 1:39 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

105
Piippo, Robert E

From: Gerald Damschen [gary@pageturners.com]
Sent: Thursday, September 26, 2002 9:57 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

106

Piippo, Robert E

om: James E. Darrough [darrougj@onid.orst.edu]
Sent: Tuesday, September 24, 2002 2:45 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

107

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Betty Davenport

Comment: I'm Betty Davenport of Battleground Washington. Just right across the river. Formally of Richland and I have been peripherally involved in all of this nuclear discussions since I'm married to a nuclear engineer. And I've also experienced Breast cancer this spring and went through 6 weeks of radiation and 6 chemo treatments over 4 months. It was considered light duty. Now I would be damned angry at our government and the DOE if I should have come down with a cancer, a more serious cancer that could have been treated with isotopes and we did not have them available because of a political decision. That is just incomprehensible. At this point you see, you've already made the decision to close the FFTF. I urge you to reconsider that goal and take into account this new information that's being developed by the cancer researchers and the fact that it can be surplused to private industry and it would benefit the whole country. I would be damned angry if I had a cancer that could be cured by a medical isotope and it was not available because of a political decision. That's just not the way this country's supposed to work. Thank you.

108

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Les Davenport

Comment: I'm Les Davenport from Battleground Washington. And I personally object to the removal of nuclear qualified components from the FFTF before the close of comments on October 14th. I think that it's a shame that it's happened and nuclear qualified components are required to get the reactor going again. Consequently, I'd like to see the milestones for shutdown of FFTF extended as long as possible to give some time to go through and consider what might be done with medical isotopes. I've also looked at the Fluor Hanford schedule and their proposal for very significant expenditures from the environmental cleanup funding during the mid-decade for closing FFTF. I feel that it is impossible to put enough money into closing the FFTF as per the Fluor Hanford proposed schedule and keep going with other higher priority projects at Hanford in particular the Vit plant and closure of the Plutonium Finishing Plant down to concrete slab on ground. We need to address DOE's requirements under the Atomic Energy Act to supply medical isotopes, particularly for research. I recognize that DOE's mission is not to supply them for sale for therapy but to start and continue the research to prove whether these isotopes are useful in attacking cancer and other things or not. Consequently restarting the FFTF is a national health issue. I'd like to kind of paraphrase a comment that I find valuable from Carl Mansperger he's a retired colonial in the US Airforce. Stop the rush to destroy FFTF to give time for a new group of knowledgeable nuclear scientists including nuclear medicine scientists, military planners, the Department of Health and Human Services planners, and space experts to think about this. To formulate some plans. We need to update current and projected medical, homeland security and defense and space requirements versus where the materials are supplied and what the capabilities are. The end of the paraphrasing but in particular I note that two of the reactors that have been suggested to produce isotopes within DOE the Advanced Test Reactor and the High Flux Isotope Reactor, I believe are the two of them have most of their capabilities taken up already. They do not have the capability to produce the large quantities of isotopes necessary for research. Let alone to continue trials to prove these isotopes are useful or not.

Facilitator: One minute

Consequently, I emphasis again that we should be setting milestones that allow thinking about restarting the FFTF rather than closing it down as quickly as possible. Thank you.

109

Piippo, Robert E

From: Piippo, Robert E
Sent: Tuesday, October 22, 2002 7:27 AM
To: Wise, Barbara K
Cc: Piippo, Robert E; Crass, Lori D
Subject: FW: Proposed FFTF Shutdown

-----Original Message-----

From: Farabee, Oliver A (AI)
Sent: Sunday, October 20, 2002 10:20 AM
To: Piippo, Robert E
Subject: FW: Proposed FFTF Shutdown Schedule

-----Original Message-----

From: davenport [mailto:davenport@owt.com]
Sent: Monday, October 14, 2002 3:08 PM
To: Oliver_A_AI_Farabee@RL.Gov
Cc: maria@cantwell.senate.gov; senator_murray@murray.senate.gov; richard.hastings@mail.house.gov
Subject: Proposed FFTF Shutdown Schedule

Leslie C. (Les) Davenport
16414 N.E. 244th Street
Battle Ground, WA 98604-9710
Home Phone (360) 687-3415
Email davenport@owt.com

October 14, 2002

Mr. O. A. Farabee
U.S. Department of Energy - Richland Operations Office
P.O. Box 550, N2-36
Richland, WA 99352

Dear Mr. Farabee:

Subject: Proposed FFTF Shutdown Schedule

The M-81-00 series of milestones for shutdown of the Fast Flux Test Facility (FFTF) should be extended as long as allowable. In particular, milestone M-81-12 to initiate FFTF sodium draining should not be permitted to start earlier than 6/30/2003, and even later if possible. In the interim, I strongly object to the removal of nuclear qualified and other vital FFTF systems. I believe the removal of argon and hydrogen tanks plus heat control systems before the end of this comment period is totally unacceptable for a taxpayer purchased facility before promising options have been explored outside the Department of Energy (DOE) for continued use of the FFTF.

Stop the rush to destroy the FFTF. Allow time for a group of knowledgeable nuclear scientists (including nuclear medicine scientists), Department of Health and Human Services planners, military planners, and space experts to assess current and projected medical, homeland security, defense and space requirements. Then have them compare these requirements with available sources and their capabilities (including with and without the FFTF) in the United States, versus the risks taken, costs and dependencies if we meet these requirements from sources outside the United States.

I feel that restarting the FFTF, preferably as a non-federal facility, is a national health issue. Over 90% of current medical isotopes are imported, many from a single reactor in Canada. The DOE is required by the Atomic Energy Act to supply medical isotopes for research, but the DOE already has too little capacity and operating time to meet this requirement. Several research studies have been halted prematurely when even small research quantities of medical isotopes unexpectedly became unavailable. Hospitals and suppliers are in

10/24/02

need of greater quantities of medical isotopes for diagnosis and treatment, and the demand is increasing rapidly.

Finally, the Fluor Hanford schedule proposed for FFTF shutdown requires significant expenditures from the Environmental Cleanup budget by mid-decade. I submit that this funding is impractical without taking funds away from other higher risk, higher priority Hanford projects such as constructing and testing the vitrification plant, and taking the Plutonium Finishing Plant down to a cement slab on grade.

Sincerely,

Les Davenport
Nuclear Criticality Safety Engineer

cc: Sen. Maria Cantwell
Sen. Patty Murray
Rep. Richard (Doc) Hastings

10/24/02

110
Pilippo, Robert E

From: Gerald W. Davis [gwdaviseq@aol.com]
Sent: Monday, September 30, 2002 8:27 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

777
Pliippo, Robert E

From: Susan Davis [bilnsu54w@nwinfo.net]
ent: Tuesday, September 24, 2002 12:47 PM
to: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

112
Piippo, Robert E

From: William A. Davis [bilnsu54w@nwinform.net]
Sent: Wednesday, September 25, 2002 2:21 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

113

Piippo, Robert E

From: virginia.day [virginia.day@attbi.com]

Sent: Thursday, September 19, 2002 8:04

To: oliver_a_al_farabee@rl.gov

Subject: fftf

Dear Mr. Farabee:

Thank you for starting the FFTF nuclear reactor shut down. Please go with the suggested FFTF change package.

Thank you,

Mrs. Virginia Day

9018 172nd Ave. NE
Redmond, Wash. 98052

10/9/02

Public Comment on FFTF

HanfordRelated	Date	Time	Caller Name
<input type="checkbox"/>	9/28/2002	8:15 a.m.	Vernice Dean
Organization	Subject		Street
	FFTF		
City	State	Zip Code	
Richland	WA		
Home Phone	Work Phone	Fax	
E-mail	Initial Contact	Call Forwarded To	
	Ginger		
Action Taken			
Vernice just lost her husband and a cousin to cancer and thinks FFTF should remain open for making medical isotopes. "We spent the money to build it and we shouldn't throw it away."			
Notes			
She's lived here since 1947.			



Open Print Criteria Form



115

Piippo, Robert E

From: David E Dell [Dell_D@msn.com]
Sent: Friday, September 20, 2002 7:58 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

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Piippo, Robert E

From: Alice L. Didier [alicedidier@alicedidier.com]
Sent: Saturday, September 14, 2002 9:21 AM
To: Oliver A Al Farabee@rl.gov
Subject: FFTF Shutdown

Dear Mr. Al Farabee (U.S. Department of Energy)

Because of the unparalleled benefits which can be derived from the FFTF facility, I would request the shut-down of this plant be placed on hold. A full assessment of its capabilities in the field of nuclear medicine, value to our space program, etc. needs to be made before any further de-activation is performed.

What price do we place on national health and research?

Alice L.Didier

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Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Monday, September 23, 2002 5:42 PM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Douglas D. Dietrich [mailto:ddiet0344@aol.com]
Sent: Monday, September 23, 2002 5:33 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Elaine Dobbin

Comment: I'm Elaine Dobbin and I have lived in Hillsboro Oregon all my life. And I had a great joy in feeling that we had something here in this reactor that would give us, help break down this awful fear of cancer that has developed amongst all of our friends and neighbors. Cuz we have both lost a parent, watched them die from cancer and several relatives and all our neighbors around us are dying from cancer. Well not all, but several of them and they are taking chemotherapy and suffering very bad from it. And I'm very doubtful if they aren't still terminal, whether they'll make it. So I'm against that... I wish that we could restart the FFTF. These are letters that people that couldn't come have written instead and I have 1 letter I'd like to take a.... the neighbor man said I gave me permission to read his letter. He says. I'm requesting your intervention regarding the shutting down of this promising facility and it's ability to produce much-needed medical isotopes for the treatment of cancer. A number of politicians with misdirected agencies and limited knowledge are supporting the closing of this facility even though the facts have proven that medical isotopes can and have been used with remarkable success in the fight of cancers. These smart bullet medical isotopes are controlled and directed to seek and destroy just cancer cells while sparing surrounding healthy tissue. This could be one of the most important decisions in the research efforts to eliminate cancer. He states about 4 other things here the majority of these medical isotopes used within the US today are imported there is an amazing lack of production facilities in the world that can produce high quality medical isotopes. Literally thousands of people could be saved each year with advancement in these treatments and check it out for yourself on the website and he gives the web number here. And I know this fear of cancer at my age is just as big a fear as the terrorists that the country is fearing now, and I think by destroying this we are just playing into the terrorists hands by adding to the peoples fear in life that we have to battle this one more thing of not being able to stop this scourge of cancer. Thank you

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Ken Dobbin (phone)

Comment: OK, could you have Mr. Farabee put up the timeline that you show the FFTF history? I'm Ken Dobbin, councilman, City of West Richland, I work as a Nuclear Engineer on the FFTF from it's construction days of 1974 to its defueling in 1994 and my objection to the TPA milestone, on the content and the sequence is that they are not compliant with the National Environmental Policy Act and I'm surprised that Mr. Pollet doesn't want to comply with NEPA. In fact I find myself meeting after meeting correcting his false technical statements. Statements such as FFTF operations would add waste to the waste tanks at Hanford. These are these leaking tanks he's referring to. That is absolutely false. Also, on the cost he stated at the last round of meetings that this could be shut down for 250 Million dollars. The accelerated closure team came up with it could be as high as 2.1 billion and, in fact, if he would research, the Japanese have a similar reactor called MONJU and they have said it would cost 2 billion dollars to shut it down. The French have a Phoenix Reactor and they have said it would cost 2 Billion in US dollars to decommission it. And so I ... again and again, I state these things and he must not listen at these meetings. But I only have 5 minutes and so I have to do in installments what is wrong with the TPA milestones in regards to NEPA

Facilitator: Mr. Dobbin, I need to interrupt you for just a second here. Are you speaking directly into the phone, We are getting a bad audio on this end and the operator tells us that it's not this end, it's something your doing on your end, so, if you could speak more directly into your phone, or speak a little louder, that would help us out here please.

OK, anyway, where I was at the shutdown is based upon an inadequate environmental assessment and a flawed Nuclear Infrastructure Programmatic Environmental Impact Statement, that's what people are referring to by the PEIS. Mr. Farabee has shown a timeline, I hope he has it up on the

Facilitator: It is up Sir, and you have about 3 minutes

OK, you see about the 5th bullet down the DOE did a Finding of No Significant Impacts it's called a FONSI. It was done in May of 1995. That is to indicate that there is no impact to the process what they are doing. As you are hearing, speaker after speaker, not only in Yakima, but tonight, there has been significant changes since May of 1995, so right off the bat you need to do a new FONSI, in fact what I'm indicating is that you need to do a Supplemental Environmental Impact Statement before you set these milestones. As I was mentioning in Yakima, the example of the first example I have is that they have no place to take the unirradiated fuel. If you look, they are going to send it to the Plutonium Finishing Plant, they have no place to take it. If you proceed on the irradiated fuel, the Environmental Assessment says that fuel is going to be stored on the pad. But the plan is to send it down the road. You've got to do another impact statement on that particular item. The cost of 2.1 Billion, if it takes that amount, that is going to come out of Hanford cleanup. So now you have leaking waste tanks that have to compete with FFTF decommissioning those leaking waste tanks if waste is left in them then it will invalidate all of the arguments that Mr. Pollet and his group are saying that its going to actually free up cleanup money. One

can go down the list the Nuclear Infrastructure Programmatic Environmental Impact Statement made statements on page 282-286

Facilitator: One minute left sir

"Supplies of many research isotopes are not readily available from existing domestic or foreign sources causing a number of medical research programs to be terminated, deferred or seriously delayed." And it goes on page 2-192 "it is unlikely that reliable increased production of these isotopes to support projected needs could be accomplished without disturbing existing missions of these facilities and some of these missions are non-civilian. And like the Scandia Reactor, the military then goes in and takes over." So if we have private companies that want to come in and run this place then the Supplemental Environmental Impact Statement needs to do a new Finding of No Significant Impact that evaluates that

Facilitator: Sir you have 30 seconds left

OK, I will then at the Portland meeting continue down my pages of problems with this particular arrangement. Just note that alternatives need to be considered and at the Yakima meeting a proposal was resurrected again that an accelerator can do the job. And that is just not true. You need the reactor facilities with what's called "tuna bolt" neutron spectra to do the 30 or so medical isotopes needed to try to cure the over 200 different cancers we have and the proposal brought up by Mr. Pollet only has a target volume the size of a pop can

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Ken Dobbin

Comment: Good evening Mr. Thielman, Mr. Farabee, and citizens of Portland. I'm Ken Dobbin, councilman city of West Richland, Washington. I'm a nuclear engineer 28 years experience, 22 of those years I worked on the FFTF in physics fuel management in the safety aspects and core design. I think these hearings have been extremely successful in Yakima we had 43 doctors provide you petition saying that they opposed the accelerated cleanup for the medical reasons we have been talking about tonight. Also, these hearings have shown that there is false technical testimony misleading information. One gentleman brought up the core damage. There was no fuel in that core at that time. I pray that the US Department of Energy weighs the qualifications of the people who submit technical comment regarding the TPA milestones. My testimony started in Yakima, and I had 8 pages of objections. My objections are that this deactivation and D&D plan are out of compliance with the national environmental policy act. It's totally inappropriate to set TPA milestones with a plan that's not in compliance with federal law. Due to the short time to speak tonight I will cut my testimony short again and finish in Richland and I will provide you a letter with the full details of that, but frankly the NEPA's hosed. And I'm surprised that the department, the Oregon Department of Energy and Governor Kitzhaber would actually agree to something that is in violation of federal law. Unless they are trying to make a test case out of this and I say don't make the FFTF a test case for whether or not we need to have NEPA compliance. The part of the reason why my testimony is longer than most is that I feel obligated to correct the false technical information. I wasn't able to attend Seattle, but I was on one of the phone lines that you had dedicated for these events and I heard a Dr. Dave Johnson speak of an alternative, and what's important in NEPA law is that when the federal government does something there isn't a better alternative. And so obviously a plan was described and attributed to Los Alamos and lets see if I can keep this simple. Dr. Johnson said that down there an accelerator was being built that would produce all the medical isotopes that the FFTF can. What he was referring to was what's called the Triple-A design the advanced accelerator applications. And the reason that that particular design could produce all the isotopes that FFTF can is that it's a very energetic proton beam. That impinges upon a target and actually fissions the target and creates neutrons and pings upon a sub critical FFTF core. So, under what he told you, you have a FFTF type core with all of the waste plus the activation and the fission products from the proton beam. So you're not gaining any of the cleanup advantages that I keep hearing about and in fact it would take 15 years to build, because the other thing was that's not what's being built in Los Alamos today. What they are doing is they are taking a beam off of their Lance accelerator because that is dedicated for stockpile stewardship and is only operated for medical isotopes intermittently they're going to take a beam off so they can dedicate it to medical isotopes, but it's only the accelerator ones not the ones that FFTF would excel in. Part of the NEPA process is the human factor and that's what people here are concentrating on tonight. That is during the 15 years it would take to do a Triple A design from the design to the operation. Mr. Farabee showed 15 years for FFTF from 65-1980 that's about what it would take for an accelerator. You could lose between a quarter million and .5 million lives. And that has to be factored in to the NEPA required documentation and that has not been done. And also, I'm surprised that Oregon isn't concerned about the Columbia River cuz here is how this works. The Department only has a certain number of dollars to go around so now since September 18th the Dept. announced that now FFTF

is part of environmental management part of the cleanup so it has to share the money with Hanford cleanup. And so what if it takes 2.1 Billion to decommission then there will be waste left in the tanks. And that's what people keep saying that we want to get rid of. Once the sodium's drained from the core the environmental damage is irreversible in the following way. And that is, the plan being presented by Citizen's for Medical Isotopes requires that private industry do this cuz the department says it's not going to do this. Once you drain the sodium you now have raised the cost beyond which private individuals will step in with their firms to do this. So what I'm pointing out is that the environmental assessment that this is being done under, the programmatic environmental impact statement and the FONSI of May 1995 are flawed. Mr. Farabee mentioned that the fresh fuel was going to go to Savannah River, that's not what the EA says. The EA says it will go to the Plutonium Finishing Plant to meet up with the fuel that's already there. So obviously this documentation has to be fixed. So, in order not to take all of this gentleman's time, I'm going to stop here and continue my testimony in Richland tomorrow night.

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Ken Dobbin

Comment: Good evening Mr. Thieland, Mr., Farabee, and citizens of the Quad Cities. I'm Ken Dobbin, Councilman, City of West Richland and I want to thank you, Department of Energy for hosting these meetings where the public can come and have a say in the public process. As you know, my testimony has been segmented among the four meetings, because I find so much wrong with what's going on that I've had to break it out into five-minute segments, so I must conclude this evening. My testimony is basically that the Department has a D&D plan that is out of compliance with the National Environmental Policy Act. And it's totally inappropriate to set these TPA Milestones until you get all the NEPA documentation in place. I've reviewed the environmental assessment, it was written back in 1995 and the Nuclear Infrastructure Programmatic Environmental Impact Statement that was prepared in the year 2000. The EA is not complete. It does not follow what the D&D plan intends to do, and the PEIS is flawed. There was a FONSI, this is not Happy Days; it's a Finding of No Significant Impact that was written in May of 1995. There's been significant impact, Mr. Farabee, since that FONSI was prepared. The preferred alternative includes an option that was not in the draft. You can't do that. The public did not have a chance to comment on the Triple A. Dr. Johnson introduced it in the introductory three-minutes; it's called the Advanced Accelerator Applications. What he didn't tell you was that that is a proton beam that is very energetic; it impinges upon a tungsten or lead target and fissions it and then powers a sub critical FFTF core. So that's why if you built such a thing you can produce the isotopes. The problem is it's not being built. It would take 15 years, 10-15 billion dollars- you pick the number- and in the meantime the human factor which has to be included in the NEPA analysis, the human factor are the lives lost that your hearing about tonight. And I wanted to emphasize that the TPA milestones it's connected to NEPA and NEPA has to include human factors, so I pray that all of the human factor arguments that you've been hearing over the four meetings will be factored into the TPA milestone selection. It's kind of ironic, the billions needed to replace this facility whether it's a Triple A or some other design will have to compete with other efforts. There's the war, 9 billion dollars a month. There is poor economy, so our revenues are dropping. There's red ink for as far as the eye can see. That, plus, now September 18th our worst nightmare came true, that is FFTF DOE announced, would be under Environmental Management, not Nuclear Energy.

Facilitator You have about 2 minutes sir

So it will compete with the cleanup of the Hanford site. And I'm predicting here tonight that means that waste will be left in the tanks. And if people are calling from Seattle that want Hanford cleaned up, I don't see why they aren't as mad as we are here in the Quad City that this will take cleanup money. And we were told back in 2000; they testified it would only take 250 million dollars to cleanup. Now we're getting numbers much bigger than that, and guess what folks, it's going to come out of cleanup. We have heard that there are qualified parties that want to operate the facility. They want to because there are many things that can be done with that facility. You've heard the Gen4 testing. We will not have Generation 4 reactors in this country unless you are able to test, provide the data so the nuclear regulatory commission can actually license the concepts. And if the FFTF that operated for 10 years and has the best characterization data in the world, Dr. Johnson helped prepare that, and get that information, if the NRC cannot license that, then it cannot license anything.

Facilitator You have about 30 seconds.

So tonight, I'm going to Mr. Farabee, give you a written comments that's a summary of the four meetings and I'm going to ask that the FFTF plant destruction be stopped and suspend the TPA milestones until the D&D plan and NEPA are compliant and consistent. Number two, a Supplemental Environmental Impact Statement must be prepared that includes a D&D to the green field and the public have a comment on that. And a cost and schedule has to be included on whatever plan the Department selects. Thank you very much for hearing me this evening.

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October 10, 2002

Mr. O. A. Farabee
U. S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352

Subject: Proposed Schedule for the Shutdown of Hanford's Fast Flux Test Facility

Dear Mr. Farabee:

Setting Tri-Party Agreement (TPA) milestones for shutdown of the Fast Flux Test Facility (FFTF) prior to due process under the National Environmental Policy Act (NEPA) is not appropriate. The U. S. Department of Energy (US DOE) must first prepare a Supplemental Environmental Impact Statement (SEIS) to evaluate the issues not properly addressed in *Environmental Assessment: Shutdown of the Fast Flux Test Facility*, DOE/EA-0993, May 1995 (EA), and the *Final Programmatic Environmental Impact Statement for Accomplishing the Expanded Civilian Nuclear Energy Research and Development and Isotope Production Missions in the United States, Including the Role of the Fast Flux Test Facility (NI PEIS)*. The EA and NI PEIS are inadequate bases for the TPA milestones, as explained below, and must be supplemented before any shutdown milestone dates can be selected.

I currently serve as a Councilman in the City of West Richland, Washington and am employed as a Criticality Safety Engineer on the Hanford Site. I worked as a Nuclear Engineer at the FFTF from 1974 to 1996. My responsibilities were reactor physics, reactor core design, fuel management, and reactor safety. I hold both Masters and Bachelors Degrees in Nuclear Engineering from Oregon State University. I have reviewed the EA and NI PEIS and am qualified to make the following technical comments.

The EA and NI PEIS failed to adequately address the environmental consequences for reactor shutdown. For the Hanford Site, this failure has dire consequences because on September 18, 2002, the US DOE announced that the responsibility for FFTF shutdown was transferred from Nuclear Energy (NE) to Environmental Management (EM). Now the FFTF D&D costs will compete for money with other Hanford cleanup being done by EM. Due to federal budget constraints, a new war on terrorism to fund, increased health care costs, a depressed economy, and needs of other US DOE sites, I do not expect the US DOE to add more money to the Hanford cleanup budget. Under a shutdown scenario, the FFTF will not be available to produce medical isotopes that could reduce national health care costs and free some additional money for cleanup.

A team of experts, called the Accelerated Closure Team, met in February 2002 and determined that the actual decommissioning costs of the FFTF could be as high as 2.1 billion dollars! This cost is nearly the same as estimates by Japan and France to decommission similar sodium-cooled reactors, MONJU and PHENIX reactors, respectively. This cost flies in the face of false testimony by opponents of restarting the FFTF for medical isotope production two years ago. In public hearings leading to the DOE publishing the NI PEIS, opponents from the west side of the state falsely testified that the cost for the FFTF shutdown scenario would be only 250 million dollars, nearly a factor of 10 lower. Similarly, people from the west side of the state demanded in the early 1990s that the PUREX must be shutdown early, stranding 2100 metric tons of spent fuel at the K-Basins. Instead of a 150 million dollar price tag to dispose of the fuel through PUREX, 1.6 billion dollars have been spent to move the fuel 10 miles inland and leave for our grandchildren to clean up. History clearly shows that the DOE must not follow the advice of unqualified people passing themselves off as experts. The SEIS must correct that false testimony and reissue a preferred alternative given the new information.

A 2.1 billion dollar price tag for FFTF decommissioning will put extreme pressure on Hanford Site cleanup funding. I fear that the Hanford environment, including the newly formed Hanford Reach National Monument could be adversely affected by adding \$2.1 billion for the FFTF to the Hanford cleanup costs and delaying or preventing cleanup of radioactive tanks leaking into the water table and ultimately the Columbia River. A Supplemental Environmental Impact Statement (SEIS) must be written to evaluate how adding the FFTF decommissioning to Hanford cleanup affects cleanup of the site and protection of the Hanford Reach National Monument.

The EA evaluated shipment to the Plutonium Finishing Plant (PFP) of fresh un-irradiated FFTF fuel, that must be guarded. To prevent proliferation, the fuel must be stored in the same manner as the several metric tons of weapons-grade plutonium and a previous shipment of fresh FFTF fuel. Previous shipments of FFTF fresh fuel are stored in a building scheduled for demolition in 2006 to reduce the required area and cost to guard the PFP. The rest of the fresh fuel at the FFTF can only go to the PFP per the EA. However, there is no PFP facility capable of receiving that fuel or to continue to store the previous shipments and there is no cost and schedule to build required infrastructure to store it. Alternatively however, under an FFTF restart scenario, the FFTF fuel stored at the PFP would be transferred to the FFTF and stored in the Interim Decay Storage (IDS) vessel to be used to operate the reactor. After operation in the reactor, this fuel is burned to a spent fuel standard and is proliferation resistant due to high radiation fields from the fuel itself. An SEIS must be written to reevaluate the conclusions of the NI PEIS and evaluate the movement and actual destination of this fresh fuel if shutdown is selected.

The EA evaluated storage of the irradiated fuel on a concrete pad within the fenced confines of the FFTF and does not include shipment on the highway. However, present planning moves this fuel approximately 10 miles down the highway northwest to the 200 Area to consolidate with other spent fuel to reduce cost. An SEIS must be written to evaluate the environmental impact of movement and storage of this spent fuel at a new location. It is acceptable to reference a site-wide EIS for the movement of fuel in general if that document included the FFTF fuel. However, an FFTF site-specific document must include that reference.

Until reevaluation of the above NEPA items is completed, it is important that the demolition of the plant now occurring does not proceed and that the standby condition prior to December 14, 2001 be reinstituted. If operation to produce medical and commercial isotopes is deemed to have less impact on the environment than shutdown, then it is important that maintenance continues to be performed and that configuration control is maintained. If decommissioning proceeds to the point of sodium drain of any of the coolant loops, then future startup would be prohibitively expensive. The act of draining the sodium and cooling the loops to ambient temperature allows the possibility of stress corrosion cracking and the inability to qualify the coolant loops as a nuclear safety system. I personally experienced this issue during reactor defueling in 1994. My position was lead core management engineer for defueling with responsibility for removing the fuel from the reactor vessel. I proposed to replace each fuel assembly with a stainless steel simulated core assembly that was present during the initial fueling of the core. However, I was unable to obtain required approval from structural stress analyst engineers because there could be stress corrosion cracking of the stainless steel handling socket of the simulated core assemblies due to their submersion in sodium and subsequent removal, cool down, and possible contact with moisture. The danger then was breaking of the handling socket with pieces hampering the refueling machine. For a loop drain and cool down, the integrity of the loops and the ability of the system to remove heat from the reactor during operation would be questioned, having greater safety implications than the inability to defuel. If I could not get approval to use assemblies sitting in a warehouse that can easily be inspected, how could approval be obtained for reuse of a nuclear safety system where the piping is in places practically inaccessible? The qualified national and international nuclear technology mega-companies who have expressed interest in operating the FFTF for a profit would not be interested in a ruined facility. The Community Re-Use Agency (CRA), comprised of the Port of Benton, City of Richland, and Benton County would then not be able to solicit the public/private partnership that could operate the FFTF to the benefit of all American. Thus, the sodium drain milestone cannot be set until an SEIS is completed to assure that a shutdown has less impact on the environment than operation by private entities.

The NI PEIS selected a preferred alternative that uses existing facilities and new accelerator facilities, excluding the FFTF, to produce life-saving medical isotopes. The accelerator was not mentioned in the draft PEIS and therefore cannot be used as an alternative without supplementation to the NEPA documentation including public input. The particular accelerator identified in the NI PEIS is the Advanced Accelerator Applications (AAA) facility also mentioned during the Seattle TPA milestones meeting on September 26, 2002 as an alternative to the FFTF. The AAA is a neutron spallation device driven by a proton beam. Spallation neutrons power a subcritical reactor core similar to the FFTF. Such a facility would have all the waste streams of the FFTF plus waste from fissioning of the spallation target (probably tungsten) and activation by the high energy protons. The public must have the opportunity to speak to those waste streams as well as to the 15 years it would take to go from the present conceptual design stage to operation. Having a price tag of \$5 million to \$10 million, the AAA will probably never be funded by Congress given other priorities. The SEIS must address the loss of human life that would occur from lack of medical isotopes during the construction period.

Actually, the accelerator alternative is moot since the admission by US DOE Deputy Secretary Kyle McSlarro that fuel cycle work is shifting to cheaper reactor options. McSlarro's comment came during his Senate confirmation hearing June 4, 2002. With that comment on the record, an AAA alternative cannot be a substitutive part of a preferred alternative because it is not likely to be actually built. Therefore, the SEIS cannot select the AAA without explanation why McSlarro's comment is in error. These are substitutive new developments that require the NI PEIS be supplemented.

The SEIS must address the following issues identified in the NI PEIS but never adequately evaluated.

On page 2-286, the following statement is made: "...supplies of many research isotopes are not readily available from existing domestic or foreign sources, causing a number of medical research programs to be terminated, deferred, or seriously delayed."

On page 2-192, the NI PEIS states: "...it is unlikely that reliable, increased production of these isotopes to support projected needs could be accomplished without disturbing the existing missions of these facilities." Some of those missions are non-civilian and would take priority over medical needs just as the recent upgrade to the Sandia reactor upgrade using medical isotope program money never produced the intended medical isotopes.

On page 2-262: "Consistent with its mandates under the Atomic Energy Act, DOE seeks to maintain and enhance its infrastructure to support the production of radioisotopes for medical applications and research."

On page 2-300, the DOE states: Consistent with the mandates under the Atomic Energy Act, DOE seeks to fulfill its responsibility to ensure that there is a reliable supply of isotopes in the US to meet its future demand."

In Section 2.6.1, starting on page 2-66, the NI PEIS clearly demonstrates that DOE has no facility other than the FFTF that can support the expanded nuclear infrastructure missions. When referring to the efforts that could enhance the production output of the Advanced Test Reactor (ATR) and the High Flux Isotope Reactor (HFIR) on page 2-68 the document states: "...the enhancement in production capability would not be adequate to meet the future demand for isotope production."

Existing DOE facilities other than the FFTF are old and could develop age-related issues that may mean an end of their operating life at any time. Shutdown of these facilities would nullify the assumptions of the NI PEIS that existing facilities can meet the nuclear infrastructure needs especially medical isotopes. The contingency of loss of these facilities is not adequately addressed.

The term "tunable" neutron spectrum was attributed to high energy accelerator applications. To timely build such a facility with the capacity to produce coast-to-coast hospital quantities and quality of medical isotopes that the FFTF is capable of producing, requires an FFTF-type facility to test fuels and materials. Cost and schedule of building the required test facilities and the subsequent loss of American lives due to the shortage of medical isotopes during the construction period was not adequately addressed in the NI PEIS.

On page 1-12 of the NI PEIS, the second to the last paragraph on the page states that there was strong opposition to FFTF restart in the Richland Washington public meeting. I attended that meeting and know that the statement is false and may mislead anyone using the NI PEIS to determine public sentiment. I was one of 17 public officials who all spoke at the meeting in favor of FFTF restart. I know of no other DOE public meeting with that many local public officials speaking at one public meeting in favor of a project. In addition to the officials, the general public comments were almost entirely in favor. Only a few people I recognize from outside the Tri-Cities spoke in opposition. That false impression of public sentiment must be corrected in an SEIS so that decisions are based upon the truth.

During the past 9 months, a Community Re-Use Agency comprised of the Port of Benton, the City of Richland, and Benton County has found qualified parties that have expressed interest in operating the FFTF for isotope production, advancing nuclear technology, and testing nuclear waste reduction scenarios. This expression of interest is new since the NI PEIS stated on page S-31 that the DOE did not receive commitments from the private sector. A SEIS is required to evaluate the new data that invalidate the NI PEIS conclusion.

The evidence above shows that the EA and NI PEIS are inadequate to satisfy the NEPA requirement that the environment will not be detrimentally impacted by decommissioning the FFTF. The EA only deals with phase I of the decommissioning process, termed "deactivation" and that by this segmentation, environmental degradation is not properly evaluated. The NI PEIS is flawed due to erroneous conclusions drawn from previous data and new information that invalidate assumptions. A SEIS is mandatory to correct these deficiencies and that further deleterious actions be halted until a proper SEIS is written.

Please advise me of the schedule that the US DOE will address these issues and prepare a SEIS for public review and comment. Please reassure me that the destruction of the FFTF has ceased and that the pre-December 19, 2001 hot standby conditions will be maintained until these issues are addressed and the public has had an opportunity to comment on the SEIS per the National Environmental Policy Act.

Sincerely,

A handwritten signature in cursive script that reads "Ken Dobbin".

Ken Dobbin, Councilman
City of West Richland, WA

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October 8, 2002

Mr. O. A. Farabee
U.S. Department of Energy
Richland Operations Office
P O Box 550 (N2-36)
Richland, WA 99352

Mr. Farabee:

This letter is in reference to the proposed schedule of shutdown of Hanford F.F.T.F.

The Tri-Party Agreement - Accelerated Shutdown Milestone is inappropriate. The plant needs to be restarted to produce medical and commercial isotopes.

The medical isotopes are needed for the cure of many cancers.

I'm involved in Agri-business. Isotopes are showing promise here as well.

Please act on this important issue.

Thank you!





Ron & Kelly Dobbin

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October 8, 2002

Mr. O. A. Farabee
U.S. Department of Energy
Richland Operations Office
P O Box 550 (N2-36)
Richland, WA 99352

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Ron & Kelly Dobbins

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Vincent Dobbin

Comment: I'm Vincent Dobbin and I'm here to support the FFTF. And we had a meeting in Hillsboro in March 16th we had a 174 people there and I've got 89 people that signed with addresses and phone numbers that I want to leave with you. I think that most of us here can remember when we had the polio epidemic I know I sure do. I remember when I got my sugar cube. Right now 92% 98% people don't have it. So I support the FFTF. Thank you.

126

Piippo, Robert E

From: ~~Purviss, Nancy A~~
Sent: Wednesday, September 25, 2002 10:26 AM
To: Farabee, Oliver A (AI); Piippo, Robert E
Cc: Purviss, Nancy A
Subject: Telephone Message

September 25, 2002

9:10 AM

**Elsie L. Dodd - (509) 943-9945 - called on the telephone and said,
"I am in favor of using FFTF for medical isotope production." I
told her that I would type up her statement and add it to the
comments received.**

**Nancy Purviss
376-6314**

Public Comment from the Yakima Public Meeting (September 24, 2002). Re-submitted by phone on October 28, 2002

This is Dr. James T. Dodge, M.D. I practice nuclear medicine in Yakima, Washington. I have practiced here for 35 years. I strongly oppose the shutdown and decommissioning of the Fast Flux Test Facility at Hanford Washington. In Yakima, the nuclear medicine departments at our two hospitals perform 20 to 40 procedures a day using radiopharmaceuticals tagged with ^{99m}Tc . We study noninvasively, function and disease of the brain, thyroid, lungs, heart, liver, gallbladder, kidneys, intestine, lymphatics and skeleton. Cancer detection comprises about 15% of the studies that we perform with ^{99m}Tc tagged radiopharmaceuticals. All of the Technetium used in the United States is imported from a single production facility in Canada. When it went down, limited supplies were imported from Europe. It seems foolhardy to depend on a single source for such a valuable product, especially when all these sources are in foreign countries. The Fast Flux Test Facility has the ability and capacity to produce our nation's requirements for ^{99m}Mo Molybdenum that is the radioactive precursor of ^{99m}Tc .

Cancer treatments have been developed, using antibodies against surface antigens on tumor cells that are tagged with potent radioisotopes. One example is ZevalinTM that treats non-Hodgkin's lymphoma.

Cancer is not just one disease. For the numerous forms of cancer multiple strategies are needed for control. Designer antibodies are being developed that deliver killer genes and/or killer radiation to cancer cells. All potential strategies should eventually be tested. This mission will extend into the future as far as anyone can imagine, using designer molecules tagged with designer radioisotopes. Future developments should focus on research with alpha emitting radioisotopes that can be produced in neutron reactors like the Fast Flux Test Facility. Alpha emitters have the advantage of releasing their radiation energy over a very short distance so that most of the radiation kills only the cancer cells, while sparing nearby normal cells.

I am very concerned about losing this valuable facility to the Pacific Northwest and to our Nation. I am concerned that as manufacturing moves offshore, R&D follows. Ask yourself "What should our Nation do with our sons and daughters who graduate from our universities, colleges and technical schools, when high technology research and development has gone to other parts of the world?"

Again, I strongly oppose the shutdown and decommissioning of the Fast Flux Test Facility at Hanford Washington. Over 40 physicians in Yakima have signed a petition opposing the shutdown. I hope that the Department of Energy will continue to maintain this facility and in fact, develop it for use now and for future generations.

Thank you.

Received
9/24/02
YAKIMA
[Signature]

Submitted by Dr. Dodge

128

**After the Reception, Go to the Ballroom
Attend the hearing to save the Fast Flux Test Facility
(FFTF) at Hanford Washington.
7:00 to 10: P.M.**

Show your support to stop demolition and start utilizing this valuable resource with its vast potential for the benefit of our patients, our community and our nation.

The FFTF was originally constructed as a research, development and production facility for the next generation of electricity generators utilizing nuclear power at a cost of \$1.2 billion. As a research facility it has the vast flexibility to generate neutrons in a wide spectrum of energies. As a production facility it has the capacity to produce useful products in industrial quantities. It is a unique and valuable resource to our nation and in the world.

Its mission for the design and engineering of power generators was accomplished between 1978 and 1993 when it operated safely and effectively. At that time there was a perception of the overproduction of power into the future and with the unpopularity of nuclear power plants a decision was made to decommission the facility and decontaminate the site (D&D). An estimated total cost for D&D is \$2 billion.

Meanwhile the world's energy outlook is changing and technology has advanced in every field. Because of its flexibility and capacity, its potential value for other peaceful applications has increased. Although these alternative uses have been explored in depth, the Department of Energy has not reviewed them in sufficient detail to recognize the value of this facility for our nation into the future. Its demolition has been placed on "fast track" for reasons that are not rational to most persons in the scientific, engineering and medical community. Its destruction needs to be halted before irreversible damage occurs.

In Yakima, the nuclear medicine departments at Yakima Valley Memorial Hospital and Providence Yakima Medical Center perform 20 to 40 procedures a day using radiopharmaceuticals tagged with ^{99m}Tc . We study, noninvasively, function and disease of the brain, thyroid, lungs, heart, liver, gallbladder, kidneys, intestine, lymphatics and skeleton. Cancer detection comprises only about 15% of the studies that we perform with ^{99m}Tc tagged radiopharmaceuticals. All of the ^{99m}Tc used in the United States is imported from a single production facility in Canada. When it went down, limited supplies were imported from Europe. We have been lucky that our supply of this valuable radiopharmaceutical had never been interrupted for long. How long should we trust our good fortune to luck? It seems foolhardy to depend on a single source for such a valuable product, especially when all those sources are in foreign countries. The FFTF has the ability and capacity to produce our nations requirement for ^{99}Mo that is the radioactive precursor of ^{99m}Tc .

Cancer treatments have been developed, using antibodies against surface antigens on tumor cells that are tagged with potent radioisotopes. One example is Zevalin™ that treats non-Hodgkin's lymphoma. This approach to therapy basically utilizes a smart molecule (a murine IgG antibody against the CD20 antigen found on the surface of B lymphocytes) that delivers the lethal beta radiation (Yttrium-90) bullet to the lymphoma cells. The Regional Cancer Care Center in Yakima was the only site in Washington State where Phase III clinical trials were conducted for this important new cancer treatment.

Cancer is not just one disease. For the numerous forms of cancer multiple strategies are needed for control. Designer antibodies are being developed that deliver killer genes and/or killer radiation to cancer cells. All potential strategies should eventually be tested. This mission will extend into the future for as far as anyone can imagine, using designer molecules tagged with designer radioisotopes. Future developments should focus on research with alpha emitting radioisotopes that can be produced in neutron reactors like the FFTF. Alpha emitters have the advantage of releasing their radiant energy over a very short distance so that most of the radiation kills only the cancer cells, while sparing nearby normal cells.

These two examples of local impact represent only a "scratch on the surface" for the potential value of the FFTC to our region and to our nation.

As manufacturing moves off shore, R&D follows. Ask yourself, "What should our nation do with our sons and daughters who graduate from our universities, colleges and technical schools, when high technology research and development is done in other parts of the world?"

**Oppose the shutdown and decommissioning of the
Fast Flux Test Facility at Hanford Washington.**

James T. Dodge, M.D.
2205 W. Chestnut Ave
Yakima WA 98902-3744

129
Piippo, Robert E

From: William L. Duffy [wlduffy@hotmail.com]
Sent: Tuesday, September 24, 2002 1:48 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

130

Piippo, Robert E

From: Joseph D. Duncan [fayejoed@earthlink.net]
Sent: Sunday, September 22, 2002 7:27 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted: Joseph D. Duncan

1831
Plippo, Robert E

From: Joseph D. Duncan [fayrjoed@earthlink.net]
Sent: Tuesday, October 01, 2002 8:49 AM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted:

132

Piippo, Robert E

From: michael dupray [mrdupray@lbl.gov]
Sent: Tuesday, September 24, 2002 3:46 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

133

Piippo, Robert E

F- Robert F. & Lewella A. Duvall [rlduvall@earthlink.net]
Wednesday, October 02, 2002 4:31 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

134

Piippo, Robert E

From: Robert f. Duvall [rlduvall@earthlink.net]
Sent: Wednesday, October 02, 2002 4:30 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

135
Pilippo, Robert E

From: Robert F. Duvall [rlduvall@earthlink.net]
Sent: Wednesday, October 02, 2002 4:31 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

9/24/02
Yakima Public Mtg

136

Good evening!

My name is David Eakin, Vice President of Operations for New Horizon Technologies, of Richland, WA

New Horizon Technologies is opposed to the accelerated milestone timeline for the Fast Flux Test Facility.

The decisions that have been made have been based on Department of Energy missions. The CRA plan offers a viable alternative for FFTF. In this current timeline, as well as previous timelines, the potential benefits have never been factored into the equation. And there is no greater benefit than that of saving human lives.

Food safety has become an issue of highest priority in many countries. Well-publicized cases have shown that an outbreak of a major food borne disease can have major health, political, and economic consequences. Coupled with the increasing interest and publicity by the media, public awareness and concerns about food safety have reached a new height.

Awareness of risks involving microbial contamination of food has increased in the past decade. There have been several major food borne disease outbreaks caused by various pathogenic bacteria and parasites and widespread coverage by the media. Hardly a day goes by when there aren't major headlines regarding another outbreak.

According to the World Health Organization, over 4 billion cases of diarrhea occur worldwide annually, the great majority in the developing countries. However, statistics from the industrialized countries show that up to 10% of the population may suffer annually from a food borne illness.

In many industrialized countries, recent outbreaks of food borne diseases show that raw foodstuffs, including poultry, meat, seafood, fruits and vegetables, are frequently contaminated with one or several bacterial pathogens such as Salmonella, Campylobacter, Yersinia, Listeria, Shigella, Vibrio, Or E. Coli. According to the US Center for Disease Control and Prevention there are **76 million** cases of food borne illnesses annually resulting in **325,000 hospitalizations** and **5,000 deaths**.

The scientific consensus that irradiation can be effectively used to de-activate food borne pathogenic bacteria is well documented. New Horizon Technologies' mission is to make "food and medical products safer" through application of gamma treatment. However, the inadequate supply of gamma sources has severally limited the implementation of this life-saving technology in the United States. Essentially all gamma sources used in the U.S. are imported.

Therefore, a cornerstone of New Horizon Technologies business is to develop new supplies of gamma sources. To this end, we have formed a strategic alliance with a joint Ukrainian and Russian scientific and business team to develop and deploy new sources. And we have looked to production of commercial gamma sources in FFTF as an integral mix of the medical isotopes to be produced in this facility.

FFTF can save lives!

Medical isotopes save lives!

Gamma treatment of food and medical supplies save lives!

Save FFTF!

Wise, Barbara K

From: Pilippo, Robert E
Sent: Tuesday, October 29, 2002 1:30 PM
To: Wise, Barbara K
Subject: FW: FFTF Comments

-----Original Message-----

From: Farabee, Oliver A (AI)
Sent: Tuesday, October 29, 2002 11:03 AM
To: Pilippo, Robert E
Subject: FW: FFTF Comments

-----Original Message-----

From: Eakin, David E [mailto:david.eakin@pnl.gov]
Sent: Tuesday, October 29, 2002 7:40 AM
To: Farabee, Oliver A (AI)
Subject: FFTF Comments

Attached are comments for the Yakima meeting.



yakima.doc

137

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: David Eakin

Comment: My name is David Eakin from Kennewick. And when I first came here this evening I didn't plan on testifying, I have already provided testimony in an earlier hearing but after hearing some of the other testimony tonight, I was compelled to get up and talk. I've got several issues I'd like to address. First are the stories of personal stories that we've heard tonight; the personal stories of suffering. We've heard a couple of people that have lost their spouses, they've watched the suffering that they went through, we've heard several people individual suffering they've gone through that they've gone through cancer treatment a number of times, we've heard on one person who had a 10 year old, I believe a 10 year old grandson suffering from brain cancer and numerous other stories. These people did not deserve to suffer. They did not deserve what they went through. And there was an answer for them. In detection of the cancer early detection, of the cancer through isotopes, there was treatment available for them, or should have been available for them through the use of medical isotopes. They didn't need to suffer. And any of the proponents of taking FFTF down shutting it down, I would challenge them to stand face to face with these people and tell them that they deserve to get what they got that they deserve to suffer because we're going to deny them access to isotopes. I challenge them to do that and I don't think they can as a human being I don't think they can. Second, I'd like to comment on the accelerated cleanup schedule. And we've heard testimony also about an accelerated accelerated schedule that the contractor has proposed. I don't know who paid that to have them do that study, it's beyond the scope of this hearing tonight on the Tri-Party Agreement for the accelerated schedule, and now they're already talking about and accelerated accelerated schedule. They haven't demonstrated that they can meet the first schedule, in the first budget let alone meeting the accelerated schedule with an accelerated budget, and now they are already talking about an accelerated accelerated schedule and an accelerated accelerated budget. It just doesn't make sense. Third item I'd like to comment on is the cleanup budget. The lady on the phone from Seattle testified that dollars would not come from cleanup for shutting down the FFTF. She has been totally misinformed. Or she knows better and she's misinforming other people. The dollars will come from cleanup. We've already heard about increased budget that goes along with accelerated schedule that is in competition with other dollars. It will come from cleanup and she should discontinue making that myth and keeping that myth alive. As a matter of fact, just recently it was announced that FFTF was shifted from NE, that's nuclear engineering part of the Department of Energy to EM, which is environmental management. That is the cleanup budget. So it is a myth and it should be stopped,

Facilitator you have about 90 seconds dir

Ok, I'm about finished. The good news here tonight is there is solution to all of this. The solution is offered by the Community Reuse Agency or Organization and they put together a plan that can address these issues and transfer the operation of FFTF to a private industry, private partnership and save the taxpayer dollars for cleanup. Thank you.

138

Piippo, Robert E

From: Noel S. Egert [nsegert@msn.com]
Sent: Monday, September 23, 2002 9:12 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

139

Piippo, Robert E

From: Mary Ann Elzerman [elzermam@michigan.gov]
Sent: Wednesday, September 25, 2002 5:07 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

140
Piippo, Robert E

From: Dudley Emer [emerdf@nv.doe.gov]
Sent: Tuesday, September 24, 2002 3:03 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: Dudley Emer

141
Pilppo, Robert E

From: Tracy Engel [engelfamily@att.net]
Sent: Tuesday, September 24, 2002 10:58 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept. of Ecology

Medical Isotopes save lives. They saved mine. 5 years ago I was diagnosed with Thyroid cancer. I was treated with Isotope I131. Obviously I'm still alive and I continue to be cancer FREE. I thank God for medical Isotopes. My husband and 5 children thank God for medical isotopes. Medical Isotopes save lives, it's that simple.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted: Tracy Engel and family

142

Piippo, Robert E

From: John Erickson [jerickson@ddc.dla.mil]
Sent: Tuesday, September 24, 2002 2:22 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

143

Piippo, Robert E

From: Bates Estabrooks [ebrooks@characterlink.net]
Sent: Wednesday, September 25, 2002 7:23 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted: Bates Estabrooks

144

**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

After listening three hours to the Pro's
and Con's at the meeting - I insist the
Shutdown of FFTF be stopped immediately.
Give the "Cancer Fighters" Time to obtain
private operation.
Common sense tells me this.
This is 1st priority for national health.

Thank you.

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver A Al Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name Allan O. Faleide
(Please Print)

Address 2605 W. Canal Dr.
Kennewick, WA 99336-2561

Allan O. Faleide
2605 W. Cital Dr.
Kennewick, WA, 99336-2561



O. A. (AI) Farabee
U.S. Department of Energy
Richland Operations Office
P.O. Box 550 (N2-36)
Richland, Washington 99352

99332+0730



145

Piippo, Robert E

From: Stewart.Farber@aqua.siteprotect.com
Sent: Tuesday, September 24, 2002 2:43 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

As a public health scientist concerned about the availability of proper resources to treat all forms of cancer, I am appalled that the FFTF's operation has been ended and that the facility might be demolished. This is a foolish waste of a vital US asset that would cost billions of dollars to replace to make available equivalent capability in isotope production and material testing.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted,

Stewart Farber, MS Public Health
Public Health Sciences
1285 Wood Ave.
Bridgeport, CT 06604

146

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Thursday, September 19, 2002 9:22 AM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Sheila Ferris [mailto:shebob@3-cities.com]
Sent: Thursday, September 19, 2002 9:09 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Please keep FFTF open for the production of MUCH needed medical isotopes. It will save lives!

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

147

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Sunday, October 06, 2002 1:37 PM
To: Piippo, Robert E
Subject: FW: KEEP THE FFTF RESEARCH GOING FOR CANCER RESEARCH!

-----Original Message-----

From: Tim Ferris [mailto:tim.ferris@charter.net]
Sent: Wednesday, October 02, 2002 12:45 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: KEEP THE FFTF RESEARCH GOING FOR CANCER RESEARCH!

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: .

148

Piippo, Robert E

From: Farabee, Oliver A (AI)
Sent: Sunday, September 29, 2002 3:38 PM
To: Piippo, Robert E
Subject: FW: FFTF Shutdown

-----Original Message-----

From: Ande Finley [mailto:afinley18@yahoo.com]
Sent: Wednesday, September 25, 2002 3:39 PM
To: Oliver_A_AI_Farabee@rl.gov
Subject: FFTF Shutdown

USDOE formally committed to have the funds saved from shutdown of FFTF returned to Hanford Clean-Up. In response to years of public protest and Congressional concern, USDOE also promised that cleanup funds would not be used to pay for deactivation of FFTF, after USDOE had used Hanford Clean-Up funds to keep FFTF on standby for several years to produce Tritium for nuclear weapons.

I urge that the USDOE be required to request the full funds for draining the reactor's Sodium by 2005, and for deactivating the reactor, from the Nuclear Energy Account, rather than USDOE's current plan to require over \$10 million of Hanford cleanup funds be used to meet these schedules. The TPA should specify that the funds must be requested in full and come from the Nuclear Energy Account.

And lastly, the TPA language should formally incorporate the 1995 commitment that the funds saved from shutdown will be used for Hanford Clean-Up.

=====

Ande Finley
Seattle, WA

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149

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Thursday, October 03, 2002 3:59 PM
To: Piippo, Robert E
Subject: FW: FFTF Shutdown

-----Original Message-----

From: Cusack, Laura [mailto:LCUS461@ECY.WA.GOV]
Sent: Tuesday, October 01, 2002 8:51 AM
To: Bond, Rick (ECY); (Oliver_A_Al_Farabee@rl.gov)
Subject: FW: FFTF Shutdown

Here's another . . .

Laura J. Cusack
Wa State Dept of Ecology
Project Management Section Manager
(509) 736-3038
Lcus461@ecy.wa.gov

-----Original Message-----

From: Ande Finley [mailto:afinley18@yahoo.com]
Sent: Wednesday, September 25, 2002 3:43 PM
To: Cusack, Laura
Subject: FFTF Shutdown

JSDOE formally committed to have the funds saved from shutdown of FFTF returned to Hanford Clean-Up. In response to years of public protest and Congressional concern, USDOE also promised that cleanup funds would not be used to pay for deactivation of FFTF, after USDOE had used Hanford Clean-Up funds to keep FFTF on standby for several years to produce Tritium for nuclear weapons.

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And, lastly, the TPA language should formally incorporate the 1995 commitment that the funds saved from shutdown will be used for Hanford Clean-Up.

=====

Ande Finley
Seattle, WA

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Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Sunday, September 22, 2002 6:50 PM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF. Please help Save Lives. We need to fight and stop Cancer!!!

-----Original Message-----

From: Marteal Finney [mailto:mgfinney@bechtel.com]
Sent: Friday, September 20, 2002 11:31 AM
To: Oliver A Al Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF. Please help Save Lives. We need to fight and stop Cancer!!!

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

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Piippo, Robert E

From: Joy Fiore [alljoy@sandyvalley.net]
Sent: Monday, September 23, 2002 9:13 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Dennis Fitzgerald

Comment: Good evening ladies and gentlemen. First of all I'm against the acceleration. Secondly, I'm against having this meeting tonight. I find myself in the unusual position of agreeing with Gerry Pollet. And why did I come to that conclusion? Well it goes back to the PEIS hearings of several years ago. Let me read a letter to the editor and it was published in the Tri-City Herald on Friday, January 5, 2001. The Department of Energy's Programmatic Environmental Impact Statement is a bureaucratic sham, highly flawed and biased toward anti nuclear environmental groups. Most importantly the Environmental Impact Statement has blatantly avoided addressing the biggest stakeholders of all in the restart of the Fast Flux Test Facility, the cancer fighters. Only 3463 "public responses" were received during the process. The reported 2/3s in favor of FFTF restart are being ignored. Seven public hearings drew only 1215 attendees. Each day, 1500 people die of cancer. In 3 days more people died of cancer (4500) than were responders. During the 7 days of hearings almost 10 times as many people (10500) died of cancer than the number of attendees. Six of these public hearings were held near DOE reactor facilities which are magnet for the anti-nuclear groups. Seattle was the only city in the DOE tours that is a major cancer treatment center. The great majority of our citizens are not even aware of the pending devastating blow to improving cancer treatments by excluding FFTF from the medical isotope production strategy. The proposed FFTF shutdown is a national tragedy that affects us all, particularly the millions of cancer fighters. Among them are family and friends. So in fact the DOE at the end said since 2/3s were in favor of the FFTF I think the words were, well it wasn't compelling enough reason to keep it open. So as far as I'm concerned the marvelous job your doing, I respect what you have to do I know when it gets back to DOE I have no thought that they would do anything but their going to go ahead and push this thing through because for my experience, DOE HQ does not give a damn, they've never give a damn about the people out here an they don't give damn about the cancer fighters. Now there's a it's kind of interesting ya know, cancer and nuclear energy have something in common. Both are driven, the fears of both are driven by ignorance and misinformation. And we've seen a lot of misinformation tonight. Secondly is that CMI and Heart of America Northwest has something in common too. Forty-two percent of the members are going to get cancer and 18% are going to die. So lets talk about cancer deaths

Facilitator Sir, you have about 2 minutes

Thank you. 1,284,900 people this year will come down with cancer in the country. 555,500 will die of cancer. That's 1522 a day. Presently the cost of cancer is 156 Billion dollars. Of that, 84 Billion dollars goes towards indirect mortality costs. If isotopes can save just 10% of those lives that are presently dying, just 10% that's a savings of almost 9 Billion dollars a year that we're loosing because of people dying. Now that there are two things here this is National Breast Cancer Awareness week. We talked earlier about cintimintography for breast cancer, this was developed by the Jefferson Lab in the DOE

Facilitator 30 seconds

I'd like to read from the President's Cancer Panel. "The President's Cancer panel believes that access to timely and effective cancer care is no longer just a scientific and medical issue but a moral and ethical one." Herald P. Freeman, MD, Chair President's Cancer Panel. Why doesn't DOE Headquarters know what's happening out here?

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Piippo, Robert E

From: Mark Flatland [flatland@peoplepc.com]
Sent: Wednesday, September 25, 2002 7:33 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Oppose TPA Change Package for Accelerated FFTF destruction

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

I used to work at Hanford, and I know the DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from the DOE that the FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for the FFTF. The DOE will transfer the FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, the FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

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Bond, Rick (ECY)

From: Cusack, Laura
Sent: Tuesday, October 15, 2002 7:51 AM
To: Bond, Rick (ECY)
Subject: FW: Shut down the FFTF

FYI

Laura J. Cusack
Wa State Dept of Ecology
Project Management Section Manager
(509) 736-3038
Lcus461@ecy.wa.gov

-----Original Message-----

From: Barbara_K_Wise@RL.gov [mailto:Barbara_K_Wise@RL.gov]
Sent: Tuesday, October 15, 2002 7:49 AM
To: Oliver_A_Al_Farabee@rl.gov; Cusack, Laura
Cc: Robert_E_Piippo@rl.gov
Subject: FW: Shut down the FFTF

-----Original Message-----

From: Joyce Follingstad [mailto:joyfoll@teleport.com]
Sent: Tuesday, October 15, 2002 6:31 AM
To: Barbara_K_Wise@rl.gov
Subject: Shut down the FFTF

Dear Ms Barbara Wise and to all others concerned,

I am writing to ask you once again to shut down the FFTF. I have been to almost all of the FFTF hearings from 1992 through the present and have raised my voice along with those of hundreds and thousands of Oregonians who have all said, and I repeat, SHUT DOWN the FFTF!! Our focus in 2002 must be the cleanup of Hanford. We have been promised over and over that the FFTF will be shut down and we want it done now. Stop taking valuable dollars away from the cleanup of Hanford to keep the FFTF on standby. Instead, we must put any monies coming into Hanford to research and create the cleanup of the Hanford Reservation. Hanford is being abandoned as the dumping ground for ever-increasing numbers of truckloads of nuclear waste. Toxins are leaking into the Columbia River daily. The health of the surrounding people and environment continue to decline. The US Government and the Department of Energy owe it to the Pacific Northwest states to do serious cleanup of the waste generated over the past 50+ years of the nuclear experiment. Stop the FFTF for all of the reasons listed again and again in our hearings. Close the FFTF NOW!!

Sincerely, Dr. Joyce Follingstad

10/15/2002

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Pilippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Sunday, September 22, 2002 7:20 PM
To: Pilippo, Robert E
Subject: FW: Please don't shut down FFTF

-----Original Message-----

From: Michael R. Fox Ph.D. [mailto:foxy1@owt.com]
Sent: Monday, September 16, 2002 9:01 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Please don't shut down FFTF

Dear Mr. Al Farabee (U.S. Department of Energy)

Mr. Farabee:

The shutdown of the FFTF is a major blow to a sound health program for the US, and in violation of the Atomic Energy Act of 1954. What will it take for the DOE simply to assign the FFTF to the CRA to be operated by private utilities and commercial interests. Also why spend \$2 billion to destroy a \$2 billion dollar reactor, which would cost \$5-7 billion to replace?

I think this is a very bad idea and should not be done.
There is too much good that can be done with this facility that will be lost if it is closed.

Thank you very much. Michael R. Fox Ph.D.

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Testimony of
Michael R. Fox Ph.D.
509-628-9336 (hm)
September, 24, 2002
TPA Agencies
West Coast Yakima Center Ballroom
Yakima, Washington

The accelerated Schedule for the Destruction of the FFTF is unacceptable. The decisions and justifications to destroy the reactor are without merit, and appear to be against the law (both NEPA and the FDQA).

Economics

1. The Dept of Health and Human Services Secretary Tommy Thompson (letter July 30, 2001) stated to Congressman Hastings this willingness to work "...to assure that any decision that is ultimately made does not jeopardize the availability of isotopes for medial purposes". The entire issue of "isotope availability has not been addressed.

2. The Department of Energy's Holland report acknowledges in the Summary that the DOE work with HHS "to study potential savings to Medicare and Medicaid from the use of medical isotopes and their production at the FFTF. **Such a review was found to be beyond the scope of this Review Committee."**

In other words no defensible cost analyses has been done nor will one ever be done. If one ignores the enormous health benefits in their cost analyses of FFTF the analyses will be necessarily incomplete and negative (costs are always negative). All hospitals in the nation, and all medical and dental schools, for example, would be found to be enormously costly, if benefits provided were ignored!!

3. On June 5 of 1994 Secretary of Energy Hazel O'Leary told the Society of Nuclear Medicine in Orlando:

- a. I am proposing a vision---A world class Nuclear Medicine Program for the 21st Century
- b. We should eliminate the full cost recovery requirement on the production of isotopes
- c. We must assure that a variety of isotopes be available
- d. We must advance the frontiers of nuclear medicine
 1. In radiopharmacy
 2. In new areas of biotechnology
 3. New advances in instrumentation
 4. New advances in Imaging Technologies

4. We must work to demystify nuclear technology, respond to fear, must drive the Mission for a world class Nuclear Medicine Program

Lets talk economics

1. In 2001 the federal government issues 4132 new final rules and US citizens pay an estimated \$854 billion in compliance costs, approximately \$8000 per household. The \$854 billion/yr is a hidden tax equaling 46% of the entire federal budget outlays.

2. Both Senator Fred Thompson and recently Mr. Paul Posner, GAO's managing director of budget and strategic issues, said many federal agencies are unable to even prepare a financial statement to be analyzed!!!

3. In a nation where government officials squanders hundreds of billions annually and say nothing is remarkable. For some of these same silent officials now to claim that the 10s of millions currently needed by the FFTF for private interests to operate is excessive, is laughable. Better, we are not even asking that the FFTF be subsidized, we are simply asking that the DOE surplus an operating and well-maintained the reactor intact, to be operated by private interests.

Economic argument against the FFTF is without merit.

The economic argument against the FFTF is without merit, apparently done in haste by unqualified people who started with the adverse conclusion and ignored the enormous health benefits, Medicare and Medicaid benefits, and other information favorable to the FFTF.

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Information Sheet #7

Broken Promises at the Department of Energy in Nuclear Medicine

Collected
by
M.R. Fox

All of the Following Statements were made by Secretary of Energy Hazel O'Leary at the Meeting of the Society of Nuclear Medicine Orlando, Florida, June 5, 1994

The author of these notes was present during the speech by Secretary O'Leary as were several other members of the Nuclear Medicine Research Council. The notes were taken during the speech often within a few feet of the Secretary.

As of March, 2002, the Department of Energy still hasn't fulfilled or seriously attempted to fulfill the promises made at this meeting.

Promises made by the Secretary of Energy

1. I am proposing a vision: A world Class Nuclear Medicine Program for the 21st Century
2. We should eliminate the full cost recovery requirement on the production of isotopes
3. We must assure a variety of isotopes being available
4. We must advance the frontiers of nuclear medicine:
 - a. In Radiopharmacy
 - b. In new areas of Biotechnology
 - c. New advances in Instrumentation
 - d. New advances in Imaging Techniques

Demystification, Reducing Fear, Healing Mistrust

5. We must work together with the public:
 - a. To demystify nuclear technology (she made a strong statement of support for public information and education).
 - b. To respond to public fear
 - c. We must drive the Mission (for a world class Nuclear Medicine Program)
 - d. We must Heal Distrust
 - e. We must Heal Disease

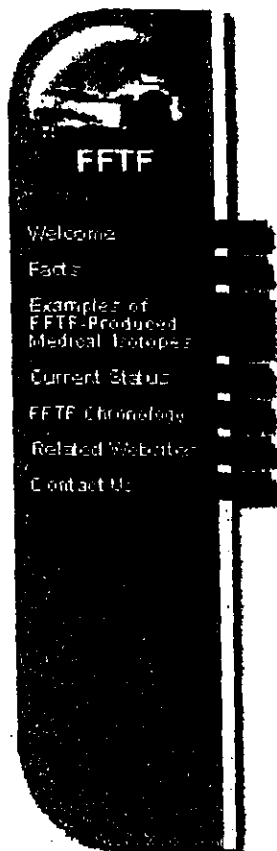
(Author's note: During her tenure at the Department of Energy the secretary surrounded herself with people from virulent anti-nuclear organizations in the operation of the Department. These people historically have been leaders in misrepresenting nuclear technology and a major cause for the need to "demystify", reduce fear, and heal mistrust in the first place.)

Since 1994 the year these promises were made, about 4.0 million people have died of cancer. More than 140,000 have died of leukemia a type of cancer in which cell-targeted cancer therapy in conjunction with traditional treatments has achieved more than 85% remission rates in clinical trials (no cancer for 5 years). Broken promises are very harmful to cancer patients and their families.

Costs of Broken Promises

The annual costs to the American public by not fulfilling these promises in the fight against disease is measured in the tens of billions, thousands of lives lost, quality of life diminished for hundreds of thousands.

To our government agencies we say, please keep your promises.

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Examples of FFTF-Produced Medical Isotopes

Fast Flux Test Facility

Isotope	Description of use
Actinium-225 (AC-225)	See Thorium-229 (Th-229)
Actinium-227 (AC-227)	Parent of Radium-223 (Ra-223) which is an alpha emitter used to treat metastases in the skeleton resulting from cancer (i.e., breast and prostate cancers), and cancer radioimmunotherapy
Bismuth-212 (Bi-212)	See Thorium-228 (Th-228)
Bismuth-213 (Bi-213)	See Thorium-229 (Th-229)
Cadmium-109 (Cd-109)	Cancer detection
Cobalt-60 (Co-60)	Radiation source for radiotherapy of cancer, for food irradiators, and for sterilization of medical supplies
Copper-64 (Cu-64)	A positron emitter used for cancer therapy and SPECT imaging
Copper-67 (Cu-67)	Beta/gamma emitter used in cancer radioimmunotherapy and diagnostic studies (i.e., breast and colon cancers, and lymphoma)
Dysprosium-166 (Dy-166)	Cancer radioimmunotherapy
Erbium-169 (Er-169)	Rheumatoid arthritis treatment, particularly for the small joints associated with fingers and toes
Europium-152 (Eu-152)	Radiation source for food irradiation and for sterilization of medical supplies
Europium-154 (Eu-154)	Radiation source for food irradiation and for sterilization of medical supplies
Gadolinium-153 (Gd-153)	Osteoporosis detection and nuclear medical quality assurance devices
Gold-198 (Au-198)	Implant and intracavity therapy of ovarian, prostate, and brain cancers
Holmium-166 (Ho-166)	Multiple myeloma treatment in targeted skeletal therapy, cancer radioimmunotherapy, bone marrow ablation, and rheumatoid arthritis treatment
Iodine-125 (I-125)	Osteoporosis detection, diagnostic imaging, tracer drugs, brain cancer treatment, radiolabeling, tumor imaging, mapping of receptors in the brain, interstitial radiation therapy, brachytherapy for treatment of prostate cancer, determination of glomerular filtration rate (GFR), determination of plasma volume, detection of deep vein thrombosis of the legs
Iodine-131 (I-131)	Thyroid function evaluation, thyroid disease detection, treatment of thyroid cancer as well as other non-malignant thyroid diseases (i.e., Graves disease, goiters, and hyperthyroidism), treatment of leukemia, lymphoma, and other forms of cancer (e.g., breast cancer) using radioimmunotherapy

Iridium-192 (Ir-192)	Brachytherapy, brain and spinal cord tumor treatment, treatment of blocked arteries (i.e., arteriosclerosis and restenosis), and implants for breast and prostate tumors
Lutetium-177 (Lu-177)	Cancer radioimmunotherapy and treatment of blocked arteries (i.e., arteriosclerosis and restenosis)
Molybdenum-99 (Mo-99)	Parent of Technetium-99m (Tc-99m) which is used for imaging the brain, liver, lungs, heart, and other organs. Currently, Tc-99m is the most widely used radioisotope used for diagnostic imaging of various cancers and diseases involving the brain, heart, liver, lungs; also used in detection of deep vein thrombosis of the legs
Osmium-194 (Os-194)	Cancer radioimmunotherapy
Palladium-103 (Pd-103)	Prostate cancer treatment
Platinum-195m (Pt-195m)	Studies on biodistribution and metabolism of cisplatin, a chemotherapeutic drug
Phosphorus-32 (P-32)	Polycythemia rubra vera (blood cell disease) and leukemia treatment, bone cancer diagnosis/treatment; colon, pancreatic, and liver cancer treatment; radiolabeling nucleic acids for in vitro research, diagnosis of superficial tumors, treatment of blocked arteries (i.e., arteriosclerosis and restenosis), and intracavity therapy
Phosphorus-33 (P-33)	Leukemia treatment, bone disease diagnosis/treatment, radiolabeling, and treatment of blocked arteries (i.e., arteriosclerosis and restenosis)
Radium-223 (Ra-223)	See Actinium-227 (Ac-227)
Rhenium-186 (Re-186)	Bone cancer pain relief, rheumatoid arthritis treatment, and diagnosis and treatment of lymphoma and bone, breast, colon, and liver cancers using radioimmunotherapy
Rhenium-188 (Re-188)	Cancer diagnosis and treatment using radioimmunotherapy, bone cancer pain relief, treatment of rheumatoid arthritis, and treatment of prostate cancer
Rhodium-105 (Rh-105)	Cancer radioimmunotherapy
Samarium-145 (Sm-145)	Ocular cancer treatment
Samarium-153 (Sm-153)	Cancer radioimmunotherapy and bone cancer pain relief
Scandium-47 (Sc-47)	Cancer radioimmunotherapy and bone cancer pain relief
Selenium-75 (Se-75)	Radiotracer used in brain studies, imaging of adrenal cortex by gamma-scintigraphy, lateral locations of steroid secreting tumors, pancreatic scanning, detection of hyperactive parathyroid glands, measure rate of bile acid loss from the endogenous pool
Strontium-85 (Sr-85)	Bone cancer detection and brain scans
Strontium-89 (Sr-89)	Bone cancer pain relief, multiple myeloma treatment, and osteoblastic therapy
Technetium-99m (Tc-99m)	See Molybdenum-99 (Mo-99)
Thorium-228	Parent of Bismuth-212 (Bi-212) which is an alpha emitter used in

(Th-228)	cancer radioimmunotherapy
Thorium-229 (Th-229)	Parent of Actinium-225 (Ac-225) and grandparent of Bismuth-213 (Bi-213) which are alpha emitters used in cancer radioimmunotherapy
Thulium-170 (Tm-170)	Gamma source for blood irradiators, energy source for implanted medical devices
Tin-117m (Sn-117m)	Cancer immunotherapy and bone cancer pain relief
Tungsten-188 (W-188)	Parent for Rhenium-188 (Re-188) which is used for cancer diagnostics/treatment, bone cancer pain relief, rheumatoid arthritis treatment, and treatment of blocked arteries (i.e., arteriosclerosis and restenosis)
Xenon-127 (Xe-127)	Neuroimaging of brain disorders, high resolution SPECT studies, pulmonary function tests, and cerebral blood flow studies
Ytterbium-175 (Yb-175)	Cancer radioimmunotherapy
Yttrium-90 (Y-90)	Microseeds obtained from irradiating Yttrium-89 (Y-89) for liver cancer treatment
Yttrium-91 (Y-91)	A gamma-emitting label for Yttrium-90 (Y-90) which is used for cancer radioimmunotherapy (i.e., lymphoma, breast, colon, kidney, lung, ovarian, prostate, pancreatic, and inoperable liver cancers)

also available
from nuclear
with regenerative

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Updated December 10, 2001

Information contact: [FFTF Project Office](#)

[Hanford Web Site](#)



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FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Mike Fox

Comment: Yes I would like to express my support for ceasing the destruction of the FFTF. In the evaluations put out by DOE, they have explicitly excluded any consideration of the health benefits. And this is excluding 95% of the story. This is a national health issue. And as I said earlier, if we apply the same kind of analytical methodology to the hospitals around the United States we could also justify tearing them down, too. If we leave out any consideration of the benefits. There's also been a lot of, there's been a lot of confusion about whether there are shortages or not. Most of the radiation needs of isotopes in the United States happen to fall within the research area, and the DOE, it's more recent versions of it's commitments in the 1954 Atomic Energy Act has limited it's considerations to research isotopes. Even with research isotopes where there are only 20 or 30 or 40 patients, even in those situations there are shortages. In particular at the top in cell-targeted therapy, citing Gerry Dinardo, while using copper 67 in metastatic breast cancer, you have to realize that patients who get into these clinical trials have to have failed chemotherapy and have failed radiation therapy just to get into these trials. And yet they got midway through this test and they ran out of supplies of copper 67. And they were sent home to die. That's what we're talking about here. And I think it's despicable that certain Seattle doctors trot around telling the world that there are no shortages. Alpha emitters are in many short supplies and we have requests world wide for business 212 platinum 195M, Business-213. Doctor Shienberg in Memorial Sloan Kettering has can only treat 8 patients a year with Myloid Leukemia. There are 10's of thousands of patients with myloid leukemia that die each year.

Facilitator You have about 2 minutes

Thank you. That was a very helpful guidance you just shortened up my presentation. I wanted to end with this. This is a histogram from UCLA provided to me by Marlene Oliver who is in the audience. The blue bars represent the remission rates of people who undergo radiation therapy, two kinds – bacho-therapy and radio-immunity therapy. The yellow bars are the mortality rates without radiation therapy. You will notice that in nearly all cases the mortality rates are very low among those patients who don't receive radiation therapy. In particular notice, the neuroendocrine cancer on the far left and the liver cancer on the far right have no yellow bars. These cancers are 100% fatal. Now your choices, we heard liver cancer mentioned tonight at our presentation essentially 100% fatal. We heard someone mention liver cancer. If I personally had liver cancer I would be getting myself to Europe immediately where these things can be treated more successfully and where this technology is far in advance than that of the United States.

Facilitator 30 seconds

I think I'll end on that note.

159

Piippo, Robert E

From: Karen Franklund [karenf@ocular-instruments.com]
Sent: Wednesday, September 25, 2002 10:00 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

160
Pilippo, Robert E

From: Marc Garland [mgarland@wam.umd.edu]
ent: Thursday, September 26, 2002 5:00 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

161
Piippo, Robert E

From: Bill Garner [budlt@hotmail.com]
Sent: Wednesday, September 25, 2002 4:58 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

162
Piippo, Robert E

From: Greg Gibbons [thehpgreg@hotmail.com]
Sent: Tuesday, September 24, 2002 1:36 PM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF -- It is time to do what's right for the American taxpayer and cancer patients

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:
Greg Gibbons

163

Pilippo, Robert E

From: Marla Goldman [marlajap@aol.com]
Sent: Wednesday, September 25, 2002 8:22 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

164
Piippo, Robert E

From: William Goldsmith [bill_goldsmith@urscorp.com]
Sent: Wednesday, September 25, 2002 6:12 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple. Some of the people making the decisions may be young and healthy. They may not realize the medical importance of radionuclides until they need a lifesaving procedure themselves. Keeping the FFTF alive might just keep YOU alive later in life. Thank you.

Respectfully submitted:

165
Piippo, Robert E

om: Laura Gonzales [laura.gonzales@gat.com]
ent: Tuesday, September 24, 2002 3:55 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

166
Piippo, Robert E

From: Carl L Goodwin [tejano1949@netzero.net]
Sent: Wednesday, September 25, 2002 6:29 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Further, I am amazed that the government would not want to keep this facility. Remember that money is tight at the moment and this plant is operational and already paid for. Sir, I ask that you make use of this facility and not move towards decommissioning.

Respectfully submitted: Carl L Goodwin

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**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

The decision has been made by 3 separate
Secretary of Energys to shut this facility down.

DOE has already begun to dismantle the facility.

Stop wasting money on keeping FFTF on standby.
Stop wasting money on more public hearings for
a decision already made 3 times.

DOE's own study said that medical isotopes
production was not viable for FFTF.

Last week during a tour at the Hanford site, DOE
officials discussed in detail their plans to shut
it down.

Protect the health of people in the NW. Shut
it down now.

fully deactivate the reactor by 2007. Put the
savings towards cleanup of the site.

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver A. Al Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name Susan Gordon
(Please Print)

Address 1914 N 34th #407
Seattle WA 98103

168

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Susan Gordon (phone)

Comment: My name is Susan Gordon. I'm calling from Seattle and I'm the director of the Alliance for Nuclear Accountability, which is a national network of 32 member organizations most of whom live next door to the Department of Energy's nuclear weapons complex sites. And we work collectively on a range of issues concerning nuclear weapons from cleanup and health to nuclear policy in Washington, DC. I'm also a taxpayer and I would like to say a couple of things about just the discussions so far this evening. This is not a discussion forum for restarting the FFTF. This is a discussion forum about the accelerated cleanup or accelerated shutdown proposal. It's also not a discussion forum for cancer research or cancer treatment. And I also get calls every week from people in this country who were, who have cancer who believe that they were harmed by the United States government in a nuclear weapons development that happened here. I recently attended the National Association, National Academy of Sciences forum in Des Moines, Iowa where they talked about the 15,000 cancers they believe were directly caused by the fallout from the above ground nuclear weapons test. And so as we struggle with the issue of how to treat cancer I think we need to look at what caused the cancers in the country and the exponential growth of cancers which I feel very sorry that people have and my family members have also died from cancer; but I think we need to look at the sources and stop confusing what the issues are. This decision to shut down the FFTF was made three times. And it's time to get on with doing it. The points that I want to make this evening are that every delay in shutting down the FFTF costs Hanford cleanup millions of dollars. The DOE formally committed to have the funds saved in the shutdown of FFTF returned to the Hanford cleanup program and that's part of the Tri-Party Agreement. In response to years of public protest and congressional concerns, DOE also promised that cleanup funds would not be used to pay for deactivation of FFTF. Even though it has used cleanup funds to keep FFTF on Standby for the last several years. I urge that DOE be required to request that the full funds for draining the reactor's sodium be given to them so that the sodium can be drained by 2005 and that the reactor needs to be deactivated more rapidly than the current time frame that has been put out.

Facilitator You have about 2 minutes maam

OK. The Tri-Party Agreement language should formally incorporate the 1995 commitment that the funds saved from the shutdown will be used for the Hanford cleanup. It should be shutdown as fast as feasible. And the only reason to take until June of 2005 to complete the sodium drain is budgetary. We appreciate that Ecology officials did not give in to pressure to relax this key date. And DOE is breaking its promise right now around the budget and it needs to provide the funding to do this in an accelerated manner. There is no excuse to drag out the completion of the reactor deactivation until 2011. The deactivation could be completed in four years and it would save 100 million dollars that could be spent toward Hanford cleanup. These hearings are only about the deactivation of FFTF and how it should be paid for. So I thank the Department of Energy for having made the decision to shut the FFTF down three times, and I urge that the accelerated cleanup plan be speeded up even faster. Thank you

169

Piippo, Robert E

From: Farabee, Oliver A (AI)
Sent: Wednesday, September 25, 2002 10:54 AM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Kelly Grahn [mailto:grahnk@aol.com]
Sent: Wednesday, September 25, 2002 10:31 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

170
Pilppo, Robert E

From: Anton Grambihler [ajgrambihler@msn.com]
Sent: Tuesday, October 01, 2002 10:15 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

171
Piippo, Robert E

From: FRAN GRANT [FKGRANT@NWI.NET]
Sent: Thursday, October 03, 2002 8:50 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

172

From: David Gray [yick.gray@verizon.net]
Sent: Wednesday, October 02, 2002 3:21 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

173
Piippo, Robert E

From: Ehud Greenspan [gehud@nuc.berkeley.edu]
Sent: Monday, September 23, 2002 3:59 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

174

October 9, 2002

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P.O. Box 550 (N2-36)
Richland, WA 99352

Mr. Farabee:

The purpose of this memo is to provide comments on proposed changes to the Tri Party Agreement plan and schedules for shutdown of Hanford's Fast Flux Test Facility (FFTF).

1) Sodium should not be drained from the FFTF Secondary Heat Transport System Loops until a plan for the final permanent disposition of the FFTF reactor facility and the highly radioactive reactor vessel internals, including presently removable high nickel content reflector assemblies, is agreed to in writing by the highest levels of DOE, the EPA, the Washington Department of Ecology and any other appropriate regulatory agencies. The purpose of this is to ensure that everyone understands and agrees to the amount of long term radioactivity that would remain in the 400 Area once deactivation is completed.

Removable assemblies with a high content of activated nickel that are presently in the reactor will remain radioactive for a very long time. These and other internal assemblies can most easily and economically be removed using the existing fuel handling equipment that is permanently installed in the reactor vessel. This equipment, which must be kept covered with sodium in the reactor vessel during its operation, must transfer these presently removable assemblies through ports or openings in the reactor head. However, a majority of these ports are presently being blocked by the installation of long electric heaters which will help keep the sodium in the reactor molten once the Secondary Heat Transport Loops are drained. These heaters will need to be kept in place, once the Secondary loops are drained, until the reactor and primary heat transport loops are drained. Thus, it will not be possible to economically transfer the highly radioactive assemblies out of the reactor once the Secondary HTS loops are drained. The radiation levels from these internal assemblies could limit options available for the final permanent disposition of the facility, and all appropriate agencies should be aware of and agree to these limitations and potential problems early in the schedule.

2) Sodium should not be drained from the FFTF Secondary Heat Transport System until the Department of Energy publicly identifies in writing where it can perform the testing in the U.S. needed to support development of the Generation 4 advanced reactor. A recent Nucleonics Week article dated September 26, 2002, (copy available) identified the six (6) next-generation reactor concepts proposed for further development. Of these six, four (4) were high temperature gas or liquid metal (sodium or lead alloy) cooled reactors. Only one (1) of these was a water cooled

reactor. Five (5) of these would include a closed fuel cycle which encompasses fuel recycle and various types of metal fuel, nitride fuel, mixed oxides and actinide burn scenarios. Of the ten (10) countries involved in this study, only the U. S. and France have any significant potentially usable (FFTF) high temperature liquid metal test facilities. Phenix reactor in France is scheduled to permanently shut down in four years. This only leaves the U.S. with any significant high temperature, fast neutron experiment capabilities and the shutdown of FFTF would eliminate this capability in the U.S. These emerging requirements for high temperature, fast neutron irradiation testing for Generation 4 reactor development were not covered in the Nuclear Infrastructure Programmatic Environmental Impact Statement (NI-PEIS) on the role of the FFTF, and these need to be addressed by the DOE without proceeding with drain of FFTF.

3) Sodium should not be drained from the FFTF Secondary Heat Transport System Loops until the DOE publicly identifies how it will reliably and with certainty make up the present shortage of Plutonium 238 available to NASA. This shortage was made more severe recently (July 2002) when it was announced that seven (7) kilograms of Pu 238--slightly more than half of the U.S. inventory— was reassigned to a “ national security agency “. The NI PEIS on the role of FFTF stated that only NASA had a need for Pu 238 and the then existing inventory was used as the basis for defining the additional amount needed in the future. This recent decrease in the amount of Pu238 available is a new development since the completion of the NI PEIS, and the role of the FFTF must be reassessed before irreversible steps are taken to shut it down.

4) The current TPA plan and schedule is based only on the initial shut down of the FFTF and the transition to a long term surveillance and maintenance mode. Recent FFTF project planning includes parallel dismantling and at least partial destruction of the FFTF ending in the final permanent end state of the facility in a relatively short period of time. The TPA plan must include the deactivation and final decommissioning planning as well as the simpler shut down only planning to ensure that irreversible steps are not taken early which complicate or totally preclude future options for the final end condition

Sincerely,



R.K. (Ken) Greenwell
515 W 20th Ave.
Kennewick, WA 99337

cc:

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336

175

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: R. Ken Greenwell

Comment: My name is R. Ken Greenwell. I live in Kennewick, Washington and have the following comments on the proposed changes, specifically to the Tri-Party Agreement planned schedule for the shutdown of FFTF. 1) I do not believe sodium should not be drained from the FFTF secondary heat transfer system loops until a plan for the final permanent disposition of the FFTF reactor facility and the highly radioactive reactor vessel internals including presently removable hot nickel content reflector assemblies is agreed to in writing by the highest level of DOE, EPA, Washington Dept. of Ecology and other appropriate regulatory agencies. The purpose of this is to ensure that everyone understands and agrees to the amount of long-term radioactivity that would remain in the 400 Area once deactivation is completed. Removable assemblies with a high content of activated nickel that are presently in a reactor will remain radioactive for a very long time. These and other internal assemblies can most easily and economically be removed using the existing fuel handling equipment that is permanently installed in a reactor vessel. This equipment, which must be covered with sodium in a reactor vessel during its operation must transfer these presently removable assemblies through ports in the reactors head. However, the majority of these ports are presently being blocked by installation of long electric heaters, which will keep the sodium in the reactor molten once the secondary transports loops are drained. These heaters will be kept in place to keep the primary sodium molten until it is ready for draining. Thus it will not be possible to economically transfer the highly radioactive assemblies out of the reactor once the secondary loops are drained. The radiation levels from these internal assemblies could limit options available for the final permanent disposition of the facility and all appropriate agencies should be aware of and agree to these limitations and potential problems early in the schedule. Second, current TPA plan and schedule is based only on the initial shutdown of the FFTF and transition to a long-term surveillance and maintenance mode. Recent project planning includes parallel dismantling and at least partial destruction of the FFTF ending in the final permanent end state of the facility in a relatively short period of time. The TPA plan must include the deactivation and final decommission planning as well as the simpler shut-down only planning to ensure that irreversible steps are not taking early which complicate or totally preclude future options for the final end condition. Sodium should also not be drained from the FFTF secondary heat transport system until the Department of Energy publicly identifies in writing where it can perform the testing in the US, needed to support the development of the Generation 4 Advanced Reactor.

Facilitator You have about 2 minutes left sir

A recent Nucleonic Week article dated September 26th identified the 6 next generation reactor concepts that are proposed for further development. Of these 6, 4 were high temperature gas, or liquid metal, either sodium or led cooled alloy, led alloy cooled reactors. Only one of these was a water-cooled reactor. 5 of these would include metal fuel, nitrod fuel, mixed oxide or nitrod burns and (???) burn scenarios. Only the US and France has the facilities that could support testing needed to do for these programs. And the Phoenix Reactor in France is scheduled to be shut down in 4 years. So I think some planning needs to be down to identify where this testing is to be done. Based on this I am opposed to the shutdown of the FFTF.

176
Pilippo, Robert E

From: Lawrence Grimm [lgrimm@admin.ucla.edu]
Sent: Wednesday, September 25, 2002 8:10 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The plan to shut down the FFTF is incredibly short-sighted. My Health Physics career has been in the medical and academic arenas. The FFTF has been an extremely valuable resource. Your decision may remove that resource and force me to use foreign sources. Not something I look forward to doing. Shutting down the FFTF would be akin to when President Carter decided the US did not need a breeder reactor. History is showing what a dumb decision that was. Being a historically significant, dumb decision maker is a dubious distinction.

I would hate to make the decision to shut it down, knowing that the decision is likely to hurt medical research and the chance to save lives. I wouldn't want that on my conscience.

I agree with the following.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

177

Piippo, Robert E

From: Teresa Gumphier [Misty2for2@aol.com]
Sent: Monday, September 23, 2002 8:29 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

178

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Thursday, September 19, 2002 9:23 AM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Ron Hadley [mailto:TRTFly@MSN.COM]
Sent: Thursday, September 19, 2002 7:53 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted

179

Piippo, Robert E

From: Dennis Hadlock [dhadlock@csranet.com]
Sent: Wednesday, September 25, 2002 6:27 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

180

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Edsel Hammond

Comment: I want to thank all the people who have testified here on behalf of keeping this isotope facility going. I lost my wife to cancer 20 years ago next month and I think that some of hysteria that is worked up by people that are opposed to something they don't understand that it is endangering the life of a lot of people. If Europe can do it, why can't we do it? And I don't know if the facility here is that bad. I have listened to the testimony here and I think that it is very important that we keep whatever facility we have until we have more capability in this country to do what we need to do to produce isotopes and I'd defer to these fine people that you've heard testify tonight and I think that you in the audience ought to listen to them. Thank you.

181
Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Sunday, October 06, 2002 1:36 PM
To: Piippo, Robert E
Subject: FW: opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: RJ Hampton [mailto:rjham@3-cities.com]
Sent: Thursday, October 03, 2002 7:24 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE has promised and Tri-Party has signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

182
Pilippo, Robert E

From: Harold p Hardesty [h.hardesty@worldnet.att.net]
Sent: Thursday, September 19, 2002 10:07 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

183

Piippo, Robert E

From: Donald R. Harris [drharris@mcdermott.com]
Sent: Wednesday, September 25, 2002 10:08 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF.

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

In this anti-nuclear time we are in, why not show that this reactor is performing a much needed service to the public? By not shutting the reactor down a lot of money could be saved and as a result, a lot of lives could be saved because of the services of the reactor.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

184

Piippo, Robert E

From: Evan Harris [eharris@stowellco.com]
Sent: Friday, September 20, 2002 1:46 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

185

Pilippo, Robert E

From: Mitch Hawkes [hawkesfam@hotmail.com]
Sent: Thursday, September 19, 2002 7:38 AM
To: Oliver_A_Al_Farabee@RL.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

186

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Robert Hedlund

Comment: Yeah, but I also would like to address Well, I'm sure Mr. Farabee can hear me. I agree that we need a lot of cancer research. I agree that there's a lot of people dying and there's different methods that we're treating these people with. There's been a big breakthrough on EMF Pulse, Electromagnetic field low frequency. (Reference) What we didn't address is how many people are going to be killed. Ya know there is 26 families around Hanford and everyone of them has had cancer, birth defects. One in 50 Indian kids are dying. The stuff is coming down the river. The cancer rate's expediential along the River and in Oregon and in the area. Ya know I've had two cancer operations, lost all my teeth, the bones in my legs hurt. I've lost two of my kids, I watched my oldest son, after three operations die in his mothers arms in our home. So I'm not against curing cancer, but how many people are we going to kill. The radiation kills people also besides curing them the toxic chemicals we put in our air, in our gasoline is killing people. But hell no, we keep doing it because the new world order and we're afraid Canada's going to sue us if we quit buying it from them. This medical field is ... a lot of people are making a lot of money. - a lot of people. Lets get realistic. Lets get rid of the pollutants that we know causes cancer. Lets get rid of the radiation that causes cancer. I got rid of--I had two operations on one tumor and then I went test-less technology and got rid of four other tumors. Lets start weighing the scales a little bit. I know this meeting was.. All if it's for keeping the FFTF going, that's obvious by all of the license plates and what's been said, and who's calling in, because the meetings I've gone to its' been a balanced thing. But ya know, lets think about the 1 in 50 Indian kids up there. Lets think about the 26 families that live around there. I happened to be working over there in '57 and one of the largest releases was let go, on purpose. I was bucking bails out there in the hayfields

Facilitator: Sir, you have about 2 minutes

Well, go home and think about it. Say a little prayer. Lets not get these money people going. Lets think about human lives.

187

Piippo, Robert E

From: Alex Herbert [ApplianceGuys@msn.com]
Sent: Monday, September 23, 2002 11:00 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

188

Piippo, Robert E

From: Richard L. Hess [richard@richardhess.com]
Sent: Tuesday, September 24, 2002 3:26 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

My understanding is that this reactor and another already destroyed in Oak Ridge, TN, are the only two in the U.S. capable of creating medical isotopes that are badly needed for the treatment of various forms of cancer.

My mother suffered for many years from cancer and although it finally cost her her life, she was also with us for 20+ years because of radiation treatments she had early on.

The more I research our nuclear policy, the more I see political maneuvering rather than serving science and the population at large.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Richard L. Hess
Glendale, CA

189

Wise, Barbara K

From: Wise, Barbara K
Sent: Wednesday, October 09, 2002 10:53 AM
To: Farabee, Oliver A (Al); Cusack, Laura J
Cc: Pilippo, Robert E
Subject: FW: FFTF Public Comment Form

-----Original Message-----

From: Sabine Hilding [mailto:sabinehilding@hotmail.com]
Sent: Tuesday, October 08, 2002 3:39 PM
To: Barbara_K_Wise@RL.gov
Subject: Re: FFTF Public Comment Form

Shutting down the FFTF was already decided. Why suddenly this Phoenix out of the ashes? Year ago, it was feared that preoccupation with the continued FFTF operation issue would take away from focus of the entire clean-up of Hanford Reservation. It's again doing that. The people whose livelihoods are at stake in the cities adjacent to the reservation and who are employed by the nuclear industry and those who are involved with the nuclear industry at Hanford should have no say. These people have a vested interest in keeping their jobs, even at the risk of their own health. In this economy that's understandable, but their opinions should not be weighed against the future health of the Columbia River, or even the much greater number of us who live downstream. Additionally, debate on this issue is smoke screening the fact that now Hanford is becoming a serious nuclear waste dump with STILL no facility for treating the waste that's coming in. The tragedy is that the site is being abandoned and it is highly unsafe as already toxics are leaking into the Columbia River. The soil is SAND, highly porous, lets water percolate through, and at Hanford irradiated water has hit the Vadose zone, that underground stream that flows into the river. At this rate the Columbia Gorge is in danger of being uninhabitable for humans. Do the people who are opposed to shutting down the FFTF, and who are opposed to being serious about the cleanup of the 177 buried tanks of radioactive toxics leaking into the Columbia, do these people not believe that the site is the worst in the Western Hemisphere and that the Indians in the reach have times ten or more greater risk of cancer than the rest of the population? The Department of Energy and the United States government owe the people an investment in science--figuring out how to safely treat nuclear waste. This is the massive amount of waste generated in the last fifty years, and continuing to be generated in *highly cost ineffective* nuclear power plants. (Alternative sources of energy must be invested in and further researched.) Nuclear power plants mean more waste. No safe technology currently exists for treating nuclear waste. Instead waste is being buried and now suddenly spread all over the place by being trucked across America's highways. In our nation, we now have huge chunks of uninhabitable land. This is in the last fifty years! This is abandoned land that cannot be lived on, grazed, hiked on, built on, walked on. The habitable land of America is shrinking with each nuclear power plant left in operation. Our great country has misguidedly allowed more power plants than any other nation on earth on its soil within its borders. The amount of such bad land is increasing. For the United States, the real nuclear threat is from within.

Sabine Hilding

3311 S. W. Fairmount Blvd.

Portland, OR 97239

10/31/02

190

Public comment submitted by phone to Yvonne Sherman on September 30, 2002.

"My name is Sabina Hilding. I live in Portland, Oregon. My senator is David Wu or rather my Congressman. I am opposed to the opening of the FFTF, the re-opening of that particular reactor. There is far too much activity in the River as it is and anything on the Hanford Nuclear Reservation that has to do with further pollution of that Site is just unconscionable. I really do not understand it. Thank you."

191

Piippo, Robert E

From: E. Richard Hill [dickhill98@charter.net]
Sent: Thursday, September 19, 2002 11:19 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

It would be shameful to deprive West Coast populations of needed short lived medical isotopes without a cost/benefits study which includes medical needs and costs aspects.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted

192

Piippo, Robert E

From: Teri Hinkson [Hinktede@aol.com]
Sent: Saturday, September 21, 2002 8:00 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

193

Piippo, Robert E

From: Dr. David E. Hobart [dhobart@lanl.gov]
Sent: Monday, October 07, 2002 8:31 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

The US government is shunning "all things nuclear" because of bad "perception," but there are many benefits to nuclear things, such as for the medical radioisotopes arena and the ultimate saving of lives. Consider carefully the cost of replacing such a facility as the FFTF.. Eventually, the nuclear waste issues will be solved and we will have burned up all of our fossil fuels. We will then rely on the unlimited nuclear energy resource to heat our homes and factories and to allow us to continue to "turn on the lights!"

Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE has transfed FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. NOW, this action WILL take money from the vital and "budget constrained" cleanup.

The Community Plan to save the FFTF will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

The Department of Energy refuses to see this as a national health issue. The community plan preserves the FFTF for vital nuclear Research and Development. The FFTF is vital to meet our nations energy needs.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

194

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Portland Public Meeting (October 9, 2002)

Commenter: Niki Hobsen (phone)

Comment: My name is Niki Hobsen and I'm the executive director of the National Association of Cancer patients. And I've got to tell you it just breaks my heart to see this unique national resource the FFTF treated like it was nothing by the Department of Energy it's like a surplus file cabinet that they don't really need. Well the nation needs it. Cancer patients need it. And I want to reemphasis the kind of a theme that I've heard occurring here that we're really talking about a national health issue and I don't think that's really ever been truly considered by the Department of Energy in making the decisions that they've made. I can vouch that the lives of thousands and thousands of cancer patients can be saved by FFTF. The potential is just enormous and if you have cancer or your mother has cancer or your child had cancer you would want to have the very last opportunity to give a cure or to have medical isotopes that could treat that patient. FFTF could produce all the medical research isotopes or at least the bulk of the isotopes that are needed in the United States for a time, who knows how long, for many many years. And I was really appalled to read recently that the Department of Energy has just entered into a contract with Kazackastan to provide medical isotopes to the United States. Now what's wrong with this picture? I mean here we are, the most advanced nation of the world and we have to go to Kazackastan to get medical isotopes? And Russia? And Japan? and other foreign countries? Ya know, nothing against them, but we need to be self-sufficient. We have the capability of doing it in FFTF if we just don't tear it down. So basically, I have 2 requests. And the first is that I think that the Department of Energy or EPA, or whoever is in charge of this whole thing should be required to hold public hearings on FFTF in Washington DC, and other national population centers so that the whole nation is aware of the tragedy that's now taking place at FFTF. All Americans should have a say on this issue because all Americans are going to be affected by it. My second request is that please, for goodness-sakes, don't accelerate the milestones of the Tri-Party Agreement. I mean why should we rush to demolish FFTF? Give other agencies in the government a chance, like the Health and Human Services, NASA, other agencies that are now aware of this reactor and what's happening, and have expressed interest in possibly using the services and to allow the local effort in the Tri Cities area to have public/private partnership formed. There are many opportunities that we could save the FFTF if we just don't rush to tear it down.

Facilitator: Maam you have about about 90 seconds left please.

Yeah I just can't see what harm would result from being just a little more deliberate and slow in acting on this important facility. And I really do appreciate the fact that you allowed me on this call and I tried both the speaker-phone and the receiver held phone and I still have the same complaint, the sound doesn't come through clearly and that's just another reason we need to have hearings all over the nation. Thank you very much.

9/24/02

Yakima Public Mtg

September 6, 2002

10/27/02

195
TPA Public Comment - FFTF

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Ave.
Kennewick, WA 99336

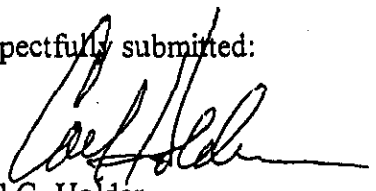
Dear Ms Cusack

I oppose the accelerated FFTF schedule.

1. FFTF is not a hazardous waste area as defined Under Section 8.
2. FFTF is a fully functional test reactor with potential beneficial uses for mankind for the production of isotopes for the treatment of disease, and for many other purposes including testing for the future of nuclear energy, i.e., GenIV and AAA.
3. Secretary Tommy Thompson of US Health and Human Services is currently evaluating the FFTF as the premier medical isotope production engine in America.
4. The City of Richland, the County of Benton and the Port of Benton have formed a Community Re-Use Agency for the re-use of FFTF, as prescribed under federal law.
5. The Department of Energy has yet to consider the City/County/Port request.
6. USDOE-RL, Department of Ecology, and EPA signed a tentative agreement on October 14, 1997 which states, "It is the intent of DOE that the Office of Nuclear Energy, Science and Technology, will establish and maintain the management and funding responsibility for FFTF starting in Fiscal Year 1999 through shutdown."
7. USDOE has announced that USDOE-NE will transfer FFTF to EM beginning in FY03 in direct violation of the 10/14/97 agreement.
8. The intent of the 10/14/97 agreement was to allay fears that FFTF detracts from the Hanford cleanup mission.
9. By placing the FFTF in the EM budget and accelerating the FFTF shutdown plan, this action detracts money and effort from priority cleanup missions.
10. The budget for the accelerated FFTF plan, as reported in the Tri-City Herald, would be \$74.4 million through 2011. This amount is not supported by the current budget and if accepted, would detract from constrained priority cleanup dollars.

The present day activities by the contractor to destroy this perfectly functional reactor, prior to an approved plan, are illegal under federal law. The movement of FFTF from NE to EM is a violation of prior TPA agreement.

Respectfully submitted:


Carl G. Holder
PO Box 1316
Pasco, WA 99301

CC: Al Farabee, FFTF Project Office
Community Re-Use Agency

MUST Be Stopped

① D+D NOT STUDIED
② Sodium DRAIN (Secondary Loop)
= MANDATORY EXTINGUISHMENT
Therefore: Secondary Sodium DRAIN
IS ILLEGAL!!

Carl Heller P. 2 TPA

Final Programmatic Environmental Impact Statement for Accomplishing Expanded Civilian Nuclear Energy Research and Development and Isotope Production Missions in the United States, Including the Role of the Fast Flux Test Facility, December 2000.

DOE and NERAC have agreed with the following findings and recommendations...

- Several isotopes have proven their clinical efficacy, but supply and cost concerns could dramatically affect the use of these isotopes in the practice of nuclear medicine.
- Although commercial and research applications for certain isotopes have been or are being developed, their limited availability and high process are inhibiting their use in clinical applications.
- Research isotopes that have shown promise as diagnostic and therapeutic materials are not being explored because of their lack of availability or high price.
- At present, there is no domestic production facility to guarantee the continued supply of many of these isotopes.
- To meet current and future needs of the biomedical sciences community:
...the United States develop a capability to produce large quantities of radionuclides to maintain existing technologies and to stimulate future growth in the biomedical sciences. The successful implementation of such a program would help insure our position as an international leader in the biomedical sciences well into the twenty first century...

NERAC (2000a) further identified that:

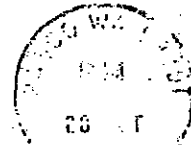
"It is now widely conceded that limited availability of specific radionuclides is a constraint on the progress of research. The problem is especially apparent in a number of medical research programs that have been terminated, deferred, or seriously delayed by a lack of isotope availability... The lack of radionuclides significantly inhibits progress in evaluating a host of promising diagnostic and therapeutic drugs in patients with debilitating and fatal diseases....

Therapeutic Isotope Projection Sales = \$2.5 Billion
2007
6.0 Billion
2020
Impart 90%

No NATIONAL Isotope Policy
No fff = Millions will Die
Carl Heller

UNITED STATES DEPARTMENT OF ENERGY
Richland Operations Office
P.O. Box 550
Richland, Washington 99352-0550

OFFICIAL BUSINESS



21:36 10/28/02 PASCO WA 99301

Mr. O. A. Farabee, Director
Fast Flux Test Facility Division
P.O. Box 550, MSIN N2-36
Richland, WA

99352

99352+0330 01



196

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Carl Holder

Comment: Thank you very much. I'm very much opposed to the accelerated time line of the destruction of the FFTF. I'm a supporter of medical isotopes. My mother died of mastedized breast cancer and that is my mission. The United States imports 90% of all medical isotopes which tells a terrible tale in this country. For our working men and women this means a terrible balance of payment and it means a loss of jobs. But first of all it's interesting to note that this is a sodium fast reactor. It was designed in the late 60's. It was designed as a test reactor to test the next generation of reactors, the concept. There is an operation called the generation 4 international forum which looks forward to making the next generation of reactors just looking down into the future quite some ways. This report was accomplished, they just had the international forum on September 20th last week. The report of the generation 4 forum in Japan says that the 10 member countries of the generation 4 international forum had selected 6 next generation energy system concepts known as GEN4 to be the focus of collaborative research and development. The concepts include a sodium liquid metal cooled fast reactor. The FFTF is in fact a GEN4 reactor. It is the future, one of the futures of nuclear energy. It's absolutely a travesty that it would be destroyed at this time. The Generation 4 establishes framework of international cooperation of research and development for the next generation of nuclear energy systems that will meet the higher demand of energies that are clean, safe and cost effective.

Facilitator: You have 3 minutes left

By the year 2050 the World Energy Council projections anticipate energy consumption to increase by 100 %. This will develop the potential as a contribution of nuclear as a future of sustainable energy source. It will achieve higher standards of safety and sustainability including potential for nuclear energy to be used in the generation of hydrogen for the transportation fuel and to desalinate water. But first of all, back to my original point and the reason for my testimony here today. We were talking about Medical Isotopes. Medical isotopes are dear to my heart. And from this Programmatic Impact Statement that Mr. Farabee referred to earlier in the introduction on page 1-3 it says DOE and the Nuclear Energy Research Council have agreed with the following findings and recommendations: Isotopes have proven their clinical efficacy, but supply and cost concerns could dramatically affect the use of these isotopes and the practice of nuclear medicine. 2) Although commercial and research applications for certain isotopes have been or are being developed, limited availability are inhibiting their use in clinical applications. 3) Research isotopes that have shown promise in diagnostic and therapeutic materials are not being explored because of their lack of availability and high price. 4) At the present there is no domestic production facility to guarantee the continued supply of these many isotopes. 5) To meet the current and future needs of the biomedical sciences community quote the Unites States must develop the capability to produce large quantities of radio isotopes to maintain existing technologies and to stimulate the growth of future biomedical sciences

Facilitator: 60 seconds please

The successful implementation of such a program would help insure our position as a international leader in the biomedical sciences. It is now widely recognized the limited availability of specific radio nuclides is a constraint on the progress of research. The problem is especially apparent in the number of medical research programs that have been terminated deferred or seriously delayed by the lack of isotopes availability. Thank you very much.

197

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Carl Holder

Comment: Good evening. I'm Carl Holder and I, as well, believe that the Programmatic Impact Statement as we've talked about totally avoided; they couldn't justify any of their decision-making processes if they looked at the health impacts to the people of this country and the world. And I'd read from this document to let you know that if these health impacts were in fact considered this is what both DOE and the National Energy Research Advisory Council have agreed to that isotopes have proven their clinical efficiency, but supply and cost concerns dramatically effect the use of these isotopes in the practice of nuclear medicine. Although commercial and research applications of isotopes have been or are being developed, the limited availability and high price are inhibiting their use in clinical applications. Research isotopes that have shown promise as diagnostic and therapeutic materials are not being explored because of their lack of availability. At present there is no domestic production to guarantee the continued supply of these isotopes. To meet current and future needs of the biomedical sciences community, the US must develop the capability to produce large quantities of isotopes to maintain existing technologies and stimulate future growth in the biomedical sciences. This was ignored. Further problem in the EA process, in the EIS process, the NEPA process or whatever the bastardization of that was called, Environmental Assessment which led to this meeting in 1995 found if you can believe that the closure of FFTF resulted in a finding of No Significant Impact. Of the thousands of comments and the meetings, the national consideration and these meetings today bear witness to the fact that the FFTF has an extremely high impact in this nation and a finding of No Significant Impact in the 95 study is an aberration. Thank you.

198

Piippo, Robert E

From: Tamara Holder [tamaraholder@aol.com]
Sent: Wednesday, September 18, 2002 11:11 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: FFTF-TPA plan jeopardises Hanford cleanup

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

The Community Plan will not detract from clean-up budgets, will save the taxpayers over \$1 billion, AND will save millions of lives in the war on cancer.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted,

199

Piippo, Robert E

From: Farabee, Oliver A (Al)
ent: Sunday, September 29, 2002 4:10 PM
fo: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: William D. Holloman [mailto:w-holloman@usa.net]
Sent: Sunday, September 29, 2002 2:53 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

200

From: Dot Honaker [RupertWA@aol.com]
Sent: Friday, October 04, 2002 4:34 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted: Dot Honaker

Piippo, Robert E

201

From: Nick Horning [nchorning@tva.gov]
Sent: Wednesday, September 25, 2002 6:11 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

202
Pilippo, Robert E

From: Tammra Horning [thorning@chanrtern.net]
Sent: Wednesday, September 25, 2002 6:09 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

203

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Craig Howell

Comment: Good Evening, I'm Dr. Craig Howell I'm the President of Benton Franklin County Medical Society. I would like to read a short petition that our membership has signed. Considering the many beneficial impacts of the Fast Flux Test Facility can have for the diagnosis, treatments and other medical procedures, and after learning more about what is at stake for our patients in our region and our nation we oppose the shutdown and decommissioning of the Fast Flux Test Facility at Hanford Washington. The local physicians are overwhelming in favor of keeping the Fast Flux Test Facility open for medical isotope purposes. We feel that this is very important for our patients both locally and nationally. In three days this week I personally, because it's hard getting by the doctors receptionist, I personally have gathered 140 Doctors signatures I'd like to submit for the record. If I had more time, I would have virtually 99.somewhat % of the doctors signing up to support this. The only time I had somebody tell me they wouldn't sign this petition was when they told me that they really appreciate the effort and they're wholeheartedly in agreement but they don't like solicitors in their office. So, we would like to see this go forward. When I went into the offices, the patients, the nursing staff, everyone wanted to sign this. If we have 300 400 500 doctors in town in favor of it, we have 10 times that many nurses, 15 times that many licensed practical nurses and on down the line. Virtually the entire medical establishment in this town is in favor of this reactor. Our area has a legacy of in the past. The local physicians are motivated and united and will assist in the effort to keep the FFTF open. Thank you very much.

204
Plippo, Robert E

From: Lorna Hubble [ljb1@cornell.edu]
Sent: Wednesday, September 25, 2002 7:56 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

please don't be another example of hasty decisions with poor planning.

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:
Lorna Hubble

205

Piippo, Robert E

From: Farabee, Oliver A (AI)
Sent: Sunday, September 22, 2002 6:49 PM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Robert & Kathy Hurt [mailto:khurt@gte.net]
Sent: Friday, September 20, 2002 4:53 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Respectfully submitted:

206

Piippo, Robert E

From: Farabee, Oliver A (Al)
Sent: Sunday, September 22, 2002 6:49 PM
To: Piippo, Robert E
Subject: FW: I am opposed to the TPA change package for accelerating destruction of FFTF

-----Original Message-----

From: Robert & Kathy Hurt [mailto:khurt@gte.net]
Sent: Friday, September 20, 2002 4:53 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

ppo, Robert E

207

From: Alan Ibbitson [ibbitsona@juno.com]
To: Wednesday, September 25, 2002 2:44 AM
Cc: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

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Respectfully submitted:

208

Piippo, Robert E

From: Chapin, Douglas H
Sent: Thursday, September 12, 2002 3:42 PM
To: Piippo, Robert E; Wise, Barbara K
Cc: Dagan, Ellen B
Subject: 9/11/02 Tana Bader Inglima Email: "Please don't shut down FFTF"

-----Original Message-----

From: Almquist, Rodney A
Sent: Thursday, September 12, 2002 2:24 PM
To: Chapin, Douglas H
Subject: FW: Please don't shut down FFTF

Rod Almquist
FFTF Project Office
(509) 376-2171

-----Original Message-----

From: Tana Bader Inglima [mailto:inglima@3-cities.com]
Sent: Wednesday, September 11, 2002 8:36 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: Please don't shut down FFTF

Dear Mr. O.A. Farabee (U.S. Department of Energy)

May I ask that you please NOT shut down the Fast Flux Test Facility in Eastern Washington state.

I think this is a very bad idea and should not be done.

There is too much good that can be done with this facility that will be lost if it is closed.

Thank you very much.

209

Piippo, Robert E

From: Rebecca Jackson [tweety_kin@hotmail.com]
Sent: Tuesday, September 24, 2002 3:01 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

210

Piippo, Robert E

From: Willie Jackson Jr. [martianman@hotmail.com]
Sent: Tuesday, September 24, 2002 3:01 PM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

211
Piippo, Robert E

From: jorge m jaffke [law@m]@hotmail.com
Sent: Wednesday, September 25, 2002 11:01 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

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The Department of Energy refuses to see this as a national health issue.

Medical Isotopes Save Lives. It's That Simple.

Respectfully submitted:

Piippo, Robert E

212

From: Beverlee J. Jochen [bevyjo@worldnet.att.net]
Sent: Wednesday, October 02, 2002 11:10 AM
To: Oliver_A_Al_Farabee@rl.gov
Subject: I am opposed to the TPA change package for accelerating destruction of FFTF

Dear Al Farabee, U.S. Department of Energy
Laura Cusack, Washington Dept of Ecology

DOE promised and Tri-Party signed an agreement that maintains the budget for FFTF in "NE." This was an assurance from DOE that FFTF would "not" detract from "Clean-up" funding.

Now, Tri-Party is agreeing to accelerated shut-down schedules for FFTF. DOE will transfer FFTF to the cleanup budget in violation of the Tri-Party Agreement. There is no budget for acceleration. AND, FFTF WILL take money from the vital and "budget constrained" cleanup.

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Respectfully submitted:

213

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Richland Public Meeting (October 10, 2002)
Commenter: Darlin Johnson

Comment: Mrs. Johnson. I'm very proud of the fact that I have the honor of carrying that title. I've been a widow for 26 years. I'm just an ordinary individual, not a scientist. I'm not any of these fancy things. I'm just absolutely dumbfounded that we have spent millions to build the Fast Flux Test Facility. Millions to keep it in mothballs. And now we want to spend millions to destroy it, and I didn't know until tonight that the health considerations were not part of making the decision by DOE to shut it down. From what I've been hearing tonight it sounds like the health considerations were not part of the considerations. Am I correct, did I understand that correctly? Can someone answer me?

Facilitator Again, as I mentioned at the beginning of the meeting, we're not to engage in answering any questions posed as part of the public record. The question will be in the record, and it will be responded to as part of the response in summary.

OK. I hope I'm speaking correctly, because that is what I'm understanding here this evening. It seems to me that we're looking at the bottom line. Dollars, dollars, dollars instead of people's health. Very hard for me to understand that approach. We use many, many dollars for war and now we're not willing to use the dollars for health? Kill people yeah; keep people from dying? Got to be kidding. I understood this meeting was about the possibility of stopping the shut down of the FFTF. And then when I get here, I discover no, we're only supposed to talk about the process of shutting it down, not whether to shut it down. Like I said, I'm just an ordinary citizen I don't have the background, the knowledge, the facts and figures to bring to this meeting, but I I'm really, really upset that that Fast Flux Test Facility is being shut down. My common sense tells me it ought to be used for medical isotopes. Why would we want to be dependent on other countries for something vital to the health of our people?

Facilitator You have about 2 minutes then

We don't even want to be dependent on other countries in the area of Oil. Let alone something vital to people's health. Let's get our heads on straight and use our heads. Thank you.

214

FFTF TPA Draft Change Package
Public Comment Period August 28 – October 14, 2002

Comment Source: Seattle Public Meeting (September 26, 2002)

Commenter: Dave Johnson

Comment: Ya know, there's a certain amount of sadness that I feel for Al Farabee cuz I've got to know him the over past few years. And I don't think it's any fun sitting up there after spending 20 years of your life on a reactor like the FFTF. And the reason I can say that is because I've been on both sides myself. About 28 years ago I went to work on the FFTF reactor. I went to work on the FFTF reactor, and I had the responsibility for measuring a lot of the neutron parameters and characteristics and spectra and flux throughout the reactor. You didn't know that did you. Oh you did know that OK. I'm probably the only one in this room whose actually directed directly created and measured the production of radio isotopes. I did it at the Nuclear Physicist lab at the University of Washington and also did it when I worked at Westinghouse Hanford. In my opinion, FFTF is not the best of places to make medical isotopes. And I'll give you one example of why I think that. There is a facility currently being built at Los Alamos national lab. It's an accelerator based neutron source. What it is, is an accelerator that accelerates protons up to about 600 MEV runs them into a liquid or heavy metal target produces oodles of neutrons it converts the energy of the beam into tons of neutrons and they use it for all kinds of research. But it has the capability of having the same level of neutron flux as the FFTF has and the same volumes and so it can make all of the medical isotopes that the FFTF can make. The quantities and the qualities.

Facilitator: Sir, you have about 3 minutes left

OK. But what it will not produce is the nasty waste that the FFTF will produce. And by the nasty waste I mean it will not produce transuranic waste which we have difficulty dealing with, it will not produce the long-lived fission products which we have terrible difficulty dealing with, it won't do that. But it will make the same isotopes. So, by losing FFTF, we're not losing medical isotopes. There are things on line which have the capability of making all the isotopes the FFTF can make. And that's what I think.

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**FFTF TRI-PARTY AGREEMENT PUBLIC MEETING
FORMAL WRITTEN COMMENT**

I support the decision to finally and completely shut down the FFTF Reactor. I do firmly believe, however, that the process of shutdown could easily be quickened, and still be as safe and efficient as ever. This will save quite a bit of time and money, which at that point should be prioritized for Hanford Clean-up.

Written comments may be submitted to:

O. A. (Al) Farabee
U.S. Department of Energy
Richland Operations Office
P. O. Box 550 (N2-36)
Richland, WA 99352
Fax: 509-376-0177
Email: Oliver_A_Al_Farabee@rl.gov

Laura Cusack
Washington State Department of Ecology
Nuclear Waste Program
1315 West 4th Avenue
Kennewick, WA 99336
Fax: 509-736-3030
Email: lcus461@ecy.wa.gov

Name Eliza JOHNSON
(Please Print)

Address 1210 15th Ave E. #221
Seattle WA 98112